

II. 5. BIBLIOGRAPHY AND CITATION INDEX 1997-2001
BIBLIOGRAFIJA I INDEKS CITATA 1997-2001

1995

- 1128.** (943) Dimitrijević, M. S.: 1995, *Semiclassical and approximate methods for Stark broadening investigations of astrophysical and laboratory spectra*, Physics of Ionized Gases, ed. D. Veža, Nova Science Publishers, Inc., 543.
- 1129.** (944) Djurović, S.: 1995, *Plasma broadening of neutral halogen lines*, Physics of Ionized Gases, ed. D. Veža, Nova Science Publishers, Inc., 429.
- 1130.** (945) Mijatović, Z., Djurović, S., Pavlov, M., Kobilarov, R., Vujičić, B. T.: 1995, *The Effect of a Magnetic Field on the H beta Line Emission from a T-Tube Plasma*, Contrib. Plasma Phys., **35**, 453.

1999

- Savić, I., Djurović, S., Vujičić, R., Kobilarov, R.: 1999, J. Res. Phys., **28**, 267.

2000

- Miljatović, M.: 2000, Diplomski rad, Prirodno matematički fakultet, Novi Sad.
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 1131.** (946) Uzelac, N. I.: 1995, *Stark widths and shifts of spectral lines in weakly non-ideal plasmas*, Physics of Ionized Gases, ed. D. Veža, Nova Science Publishers, Inc., 417.

1996

- 1132.** (947) Atanacković-Vukmanović, O., Simonneau, E.: 1996, *Solution of the non-LTE transfer problem using the method of iteration factors*, in Low temperature and general plasmas, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 227.
- 1133.** (948) Vince, I.: 1996, *On temporal variations of Solar spectral lines*, in Low temperature and general plasmas, eds. M. Milosavljević, Z. Petrović, Nova Science Publishers, Inc., 213.

1997

1134. (949) Blagojević, B., Popović, M. V., Pavlović, Z., Konjević, N.: 1997, *Spectroscopic diagnostics of high current pulse discharge in the helium-nitrogen and helium-oxygen gas mixtures*, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 348.

1135. (950) Blagojević, B., Popović, M. V., Pavlović, Z., Konjević, N.: 1997, *Investigations of LS coupling in Oxygen III*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 11.

2000

- Blagojević, B., Popović, M. V., Konjević, N.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 671.

1136. (951) Čelebonović, V., Samurović, S., Ćirković, M.: 1997, *Distorsion of the CMBR spectrum: A tentative explanation*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 5.

1999

- Lopez Corredoira, M.: 1999, *A conspicuous increase of galactic contamination over CMBR anisotropies at large angular scales*, Astron. Astrophys., **346**, 369.

1137. (952) Dimitrijević, M. S.: 1997, *Line shapes investigations in Yugoslavia 1962 - 1997*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 5.

1138. (953) Dimitrijević, M. S.: 1997, *Diffuse bands in interstellar spectra and fullerenes*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 3.

1139. (954) Dimitrijević, M. S. 1997, *Stark broadening data for stellar plasma research*, Astrophys. Space Sci., **252**, 415.

1999

- Andrievsky, S. M., Korotin, S. A., Luck, R. E., Kostynchuk, L. Yu.: 1999, *Carbon and nitrogen abundances in early B-stars. I. NLTE calculations for a sample of stars with small $v \sin i$ values*, Astronomy and Astrophysics, **350**, 598.

- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, IAU Colloquium 175, Alicante, The Be Phenomenon in Early-Type Stars, Abstracts, (1999), 1-2 (without numeration).
- Dimitrijević, M. S. Sahal-Bréchot, S.: 1999, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts **23 D** (ed. F. Vedel), 218.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Astron. Astrophys. Suppl. Series, **140**, 191.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Astron. Astrophys. Suppl. Series, **140**, 193.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 295.
- Korotin, S. A., Andrievsky, S. M., Luck, R. E.: 1999, *Oxygen abundances in early B-stars*, Astronomy and Astrophysics, **351**, 168.
- Popović, L. Č., Dimitrijević, M. S., Milovanović, N. D., Trajković, N.: 1999, J. Res. Phys., **28**, 307.
- 2000**
- Dimitrijević, M.S., Sahal-Bréchot, S.: 2000, Physica Scripta, **61**, 319.
- Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
- 1140. (955)** Dimitrijević, M. S. 1997, *Line shapes investigations in Yugoslavia and Serbia IV (1993 - 1997) (Bibliography and citation index)*, Publ. Astron. Obs. Belgrade, **58**, 1-251.
- 1999**
- Dimitrijević, M. S.: 1998, *Astronomska spektroskopija*, Publ. Astron. Obs. Belgrade, **62**, 1-116.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1141. (956)** Dimitrijević, M. S., Popović, L. Č.: 1997, *Stark broadening parameters for stellar plasma research: Bi III lines*, International Conference ob Variable Star Research, Brno 1997, 7.
- 1142. (957)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark broadening parameter tables for S V*, Bull. Astron. Belgrade, **155**, 131.

Line Shape Investigations in Yugoslavia and Serbia ^V (1997-2000)

- 1997**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, XX Int. Conf. on Phys. Electronic and Atomic Collisions, Vienna 1997, MO 157.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1143. (958)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark broadening parameter tables for Y III*, Bull. Astron. Belgrade, **155**, 145.
- 1998**
- Dimitrievich, M. S., Saha-Bresho, S.: 1998, *Shtarkovskoe ushirenie spektral'nykh linij Y III*, Zhurn. Prikl. Spektrosk., **65**, 476.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1144. (959)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On Stark broadening of Y III spectral lines for stellar plasma research*, JENAM 97 (Joint European and National Astronomical Conference), New Trends in Astronomy and Astrophysics, Thessaloniki, European Space Agency, 123.
- 1145. (960)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Broadening due to collisions with charged particles of VV lines in hot star plasmas*, JENAM 97 (Joint European and National Astronomical Conference), New Trends in Astronomy and Astrophysics, Thessaloniki, European Space Agency, 124.
- 1146. (961)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On the electron-impact broadening of SV lines*, XX Int. Conf. on Phys. Electronic and Atomic Collisions, Vienna 1997, MO 157.
- 1147. (962)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On the Stark broadening of OVII spectral lines*, 3rd General Conference of the Balkan Physical Union, Cluj-Napoca, 1997, 306.

- 1148.** (963) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Broadening due to collisions with charged particles of V V and V XIII spectral lines*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 15.
- 1149.** (964) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On the Stark broadening of Si XIII lines*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 19.
- 1150.** (965) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On the Stark broadening of Y III spectral lines*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 23.
- 1151.** (966) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark broadening of Ca X lines*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 27.
- 1152.** (967) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark broadening of spectral lines of multicharged ions of astrophysical interest XV. P IV spectral lines*, Astron. Astrophys. Suppl. Series, **122**, 533.
- 1996**
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, XVIII Symp. Phys. Ioniz. Gases, Kotor, 275.
Dimitrijević, M.S., Sahal-Bréchot, S.: 1996, Bull. Astron. Belgrade, **154**, 91.
- 1997**
Dimitrijević, M. S. 1997, *Astrophys. Space Sci.*, **252**, 415.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, IV Mezhgosudarstvennyj simpozium po radiacionnoj plazmodinamike, Tezisi dokladov, Ministerstvo obshchego i profesional'nogo obrazovaniya Rossijskoj federacii Moskovskij Gosudarstvennyj tekhnicheskij universitet im. N. E. Baumana, NII Energeticheskogo mashinostroeniya MGTU im. N. E. Baumanna, Rossijskaya AN, Otdelenie fiziko-tehnicheskikh problem energetiki RAN, Moskva, 1997, 242.
- 1998**
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Atomic Data and Nuclear Data Tables* **68**, 241.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Astron. Astrophys. Suppl. Series*, **128**, 359.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Astron. Astrophys. Suppl. Series*, **129**, 155.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **130**, 539.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
- Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Konjević, N.: 1999, *Plasma broadening and shifting of non-hydrogenic spectral lines: Present status and applications*, Physics Reports, **316**, 339.
- 2000**
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
- 1153. (968)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark broadening of Si XI lines*, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 344.
- 1154. (969)** Dimitrijević, M. S., Sahal-Bréchot , S.: 1997, *Stark broadening parameter tables for Si XI and Si XIII*, Bull. Astron. Belgrade, **156**, 113.
- 1997**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 344.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 19.
- 1999**
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1155. (970)** Dimitrijević, M. S., Sahal-Bréchot, S: 1997, *Stark broadening parameter tables for Ca IX and Ca X*, Bull. Astron. Belgrade, **156**, 149.

- 1997
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 27.
- 1999
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1156.** (971) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *Stark Broadened Line Profiles of Neutral Strontium Lines in Plasma Conditions*, In: Planetary Nebulae, Eds. H. J. Habing, H. J. G. L. M. Lamers, Kluwer A. P., Dordrecht 219.
- 1157.** (972) Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, *On the Stark broadening of P IV spectral lines*, IV Mezhgosudarstvennyj simpozium po radiacionnoj plazmodinamike, Tezisi dokladov, Ministerstvo obshchego i profesional'nogo obrazovaniya Rossijskoj federacii Moskovskij Gosudarstvennyj tekhnicheskij universitet im. N. E. Baumana, NII Energeticheskogo mashinostroeniya MGTU im. N. E. Baumanna, Rossijskaya AN, Otdelenie fiziko-tehnicheskikh problem energetiki RAN, Moskva, 1997, 242.
- 1158.** (973) Dimitrijević, M. S., Tankosić, D.: 1997, *On the variation of Stark line shifts within a supermultiplet*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 31.
- 1159.** (974) Dimitrijević, M. S., Tankosić, D.: 1997, *Stark broadening parameter regularities and interpolation and critical evaluation of data for CP star atmospheres research: Stark line shifts*, European Working Group on CP Stars, 26th Meeting and Workshop, Vienna, Abstracts, 1997, 11.
- 1160.** (975) Djurović, S., Mijatović, Z., Kobilarov, R.: 1997, *Stark width and shift temperature dependence of the Ar I 425.9 nm line*, JQSRT, **57**, 695.
- 1997
- Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 113.
- 1998
- Nikolić, D. Lj.: 1998, Magistarski rad, Univerzitet u Beogradu, Fizički fakultet, Beograd.

Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 377.

1999

Konjević, N.: 1999, Physics Reports, **316**, 339.

Mijatović, Z., Nikolić, D., Djurović, S., Kobilarov, R., Konjević, N.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 47.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 251.

2000

Djurović, S., Mijatović, Z., Kobilarov, R., Nikolić, D.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 569.

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 285.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 289.

- Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 129.
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
- 1161. (976)** Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *On the Temperature Dependence of the Stark Broadening Parameters of Ar I 425.9 nm Line*, Spectral Line Shapes Vol. 9, eds. M. Zoppi, L. Ulivi, AIP Conf. Proc., **386**, 315.
- 1162. (977)** Djurović, S., Mijatović, Z., Pavlov, M., Kobilarov, R., Vujičić, B. T.: 1997, *Vliyanie slabogo postoyannogo magnitnogo polya na liniyu H beta izluchayemuyu plazmoj T-obraznoj trubki*, Zh. Prikl. Spektrosk., **64**, 566.
- 1998**
- Vujičić, B., Djurović, S., Kaloci, Dj., Savić, I.: 1998, *Shock front velocity in modified magnetically driven T-tube*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 179.
- 2000**
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 1163. (978)** Georgijević, J., Nikolić, S., Popović, L. Č.: 1997, *Contribution of interstellar mater to line widths of Ca II lines in spectra of late-type stars*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 47.
- 1164. (979)** Jankov, S., Janot-Pacheco, E., Leister, N. V.: 1997, *Line profile variability of non-radially pulsating Be stars*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 55.
- 1165. (980)** Jevremović, D., Houdebine, E. R., Butler, C. J.: 1997, *High resolution profiles of Balmer lines in four late type dwarfs*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 61.

1166. (981) Konjević, N.: 1997, *Plasma broadening and shifting of non-hydrogenic spectral lines: Present status and applications*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 7.
1167. (982) Konjević, R.: 1997, *Non-Hydrogenic spectral line shapes for electron density diagnostics of ICP*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 71.
1168. (983) Konjević, R., Konjević, N.: 1997, *On the Use of Nonhydrogenic Spectral-Line Profiles for Electron-Density Diagnostics of Inductively-Coupled Plasmas*, Spectrochimica Acta B, **52**, 2077.
- 1998
- Panne, U., Haisch, C., Clara, M., Niessner, R.: 1998, *Analysis of glass and glass melts during the vitrification process of fly and bottom ashes by laser-induced plasma spectroscopy. Part I: Normalization and plasma diagnostics*, Spectrochimica Acta B, **53**, 1957.
- 2000
- Jovićević, S., Ivković, M., Pavlović, Z., Konjević, N.: 2000, *Parametric study of an atmospheric pressure microwave induced plasma of the mini MIP torch - I. Two-dimensional spatially resolved electron-number density measurements*, Spectrochimica Acta B, **55**, 1879.
1169. (984) Kuraica, M. M., Konjević, N., Obradović, B. M.: 1997, *On the use of relative line intensities of forbidden and allowed components of the He I 492.1nm line for electric field measurements*, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 352.
1170. (985) Mihajlov, A. A., Ignjatović, Lj. M., Dimitrijević, M. S.: 1997, *Emission/absorption bands in optical and VUV spectra of partially ionized plasma generated by ion-atom collisions*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 9.
1171. (986) Mijatović, Z.: 1997, *Influence of ion-dynamics on the shape of neutral helium and carbon lines*, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, Purić, J., Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 351.
1172. (987) Mijatović, Z., Kobilarov, R., Djurović, S., Stevanov, M.: 1997, *Use of He(I) 447.1-nm Line with Forbidden Component for Electron Density Determination in Plasmas*, Applied Spectroscopy, **51**, 396.

- 1173.** (988) Milosavljević, V., Djeniže, S.: 1997, *Experimental Stark widths of singly ionized oxygen spectral lines*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 75.
- 1174.** (989) Milosavljević, V., Djeniže, S.: 1997, *On the Stark broadening parameters of the two N II spectral lines of the 3d - 4f transition*, Bull. Astron. Belgrade, **156**, 43.
- 1175.** (990) Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1997, *Stark widths and shifts of the Ar I 427.2nm line*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 83.
- 1176.** (991) Obradović, B. M., Kuraica, M. M., Konjević, N., Platiša, M.: 1997, *Laser absorption spectroscopy for gas temperature measurements in a glow discharge*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 87.
- 1177.** (992) Popović, L.Č.: 1997, *The H beta and O III (4959,5007) lines profile variation in Mrk 817*, 3rd General Conference of the Balkan Physical Union, Cluj-Napoca 1997, 50.
- 1178.** (993) Popović, L.Č.: 1997, *The atomic data for an emitter in strong gravitational field*, 29 EGAS (European Group for Atomic Spectroscopy), Berlin, Europhysics Conference Abstracts **21 C** (ed H. -D. Kronfeldt), 516.
- 1999**
- Popović, L. Č.: 1999, Serb. Astron. J., **159**, 17.
- Popović, L. Č.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 79.
- Popović, L. Č.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.
- 1179.** (994) Popović, L.Č., Dimitrijević, M. S.: 1997, *Stark broadening parameter tables for Xe II, Sc II, Y II and Zr II*, Bull. Astron. Belgrade, **155**, 159.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- Konjević, N.: 1999, Physics Reports, **316**, 339.
- 1180.** (995) Popović, L.Č., Dimitrijević, M. S.: 1997, *Electron-impact broadening mechanism in Hg-Mn star atmospheres: Stark widths for Mn II lines*, JENAM 97 (Joint European and National Astronomical Conference), New Trends in Astronomy and Astrophysics, Thessaloniki, European Space Agency, 155.
- 1181.** (996) Popović, L.Č., Dimitrijević, M. S.: 1997, *Stark widths for 4s - 4p transitions of Cu III*, 29 EGAS (European Group for Atomic Spectroscopy), Berlin, Europhysics Conference Abstracts **21 C** (ed H. - D. Kronfeldt), 469.
- 1999**
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1182.** (997) Popović, L.Č., Dimitrijević, M. S.: 1997, *The modified semiempirical approach for lines from complex spectra*, in: The Physics of ionized gases (18th SPIG) eds. B. Vujičić, S. Djurović, J. Purić, Institute of Physics, Faculty of Sciences, University of Novi Sad, Novi Sad, 477.
- 1997**
- Popović, L.Č., Dimitrijević, M. S.: 1997, Fizika plazmy i plazmennye tehnologii, Materialy konferencii, Minsk 1997, Tom 2, 328.
- 1998**
- Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 135.
- Popović, L. Č., Dimitrijević, M. S., Jovanović, A.: 1998, *Baza astronomskih podataka Astronomske opservatorije u Beogradu*, Informacione tehnologije, Sadašnjost i budućnost , Eds. N. D. Jauković, S. S. Stanković, S. R. Turajlić, Zbornik radova sa III naučno - stručnog skupa INFORMACIONE TEHNOLOGIJE - sadašnjost i budućnost, Žabljak 28.02.-8.03.1998, 427.
- Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 71.

Milan S.Dimitrijević

- Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnate Pleso, **27**, 353.
- Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnate Pleso, **27**, 353.
- Tankosić D., Popović, L.Č., Dimitrijević, M. S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 83.
- Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1998, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, Europhysics Conference Abstracts **22D**, 5-18.
- 1999**
- Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, Astron. Astrophys., **350**, 719.
- 2000**
- Dimitrijević, M. S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 63.
- Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
- 1183. (998)** Popović, L.Č., Dimitrijević, M. S.: 1997, *The electron impact parameters in the atmospheres of CP stars: Ga III lines*, Abstract book, Kyoto IAU 23, International astronomical union, Kyoto 1997, 88.
- 1184. (999)** Popović, L.Č., Dimitrijević, M. S.: 1997, *Electron-impact widths for Sr III lines*, 3rd General Conference of the Balkan Physical Union, Cluj-Napoca 1997, 57.
- 1185. (1000)** Popović, L.Č., Dimitrijević, M. S.: 1997, *Electron impact broadening parameters for ionized rareearths: La II and La III*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 91.

1998

Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnate Pleso, **27**, 353.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1186. (1001)

Popović, L.Č., Dimitrijević, M. S.: 1997, *The electron impact parameters for Na II lines*, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 328.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1187. (1002)

Popović, L.Č., Dimitrijević, M. S.: 1997, *A program for electron-impact broadening parameter calculations of ionized rare-earth element lines*, European Working Group on CP Stars, 26th Meeting and Workshop, Vienna, Abstracts, 1997, 56.

1188. (1003)

Popović, L. Č., Dimitrijević, M. S.: 1997, *Tables of the electron impact broadening parameters: Mn II, Mn III, Ga III, Ge III and Ge IV lines*, Bull. Astron. Belgrade, **156**, 173.

1997

Popović, L. Č., Dimitrijević, M. S.: 1997, Bull. Astron. Belgrade, **156**, 173.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

- 1189.** (1004) Popović, L. Č., Dimitrijević, M. S.: 1997, *Stark widths for 4s-4p transitions of Cu III*, IV Mezhgosudarstvennyj simpozium po radiacionnoj plazmodinamike, Tezisi dokladov, Ministerstvo obshchego i profesional'nogo obrazovaniya Rossijskoj federacii Moskovskij Gosudarstvennyj tekhnicheskij universitet im. N. E. Baumana, NII Energeticheskogo mashinostroeniya MGTU im. N. E. Baumanna, Rossijskaya AN, Otdelenie fiziko-tehnicheskikh problem energetiki RAN, Moskva, 1997, 181.
- 1190.** (1005) Popović, L.Č., Mediavilla, E.: 1997, *The O III narrow line shapes in spectra of Mrk 817*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Cuk), Publ. Astron. Obs. Belgrade, **57**, 95.
- 1998**
- Popović, L. Č.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 32.
- Popović L. Č., Trajković, N., Kubičela, A.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 67.
- Popović, L. Č., Trajković, N., Kubičela, A., Doroshenko, V. T., Sergeev, S. G., Bon, E., Stanić, I.: 1998, II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 139.
- 1999**
- Popović, L. Č.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 79.
- Popović, L. Č.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.
- Popović, L. Č., Kubičela, A., Stanić, N., Bon, E.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 101.

2000

Stanić, N., Popović, L. Č, Kubičela, A., Bon, E.: 2000, Serbian Astronomical Journal, **162**, 7.

- 1191.** (1006) Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Stark parameters dependence on the emitter rest core charge within ion off-resonances*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 101.

- 1192.** (1007) Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Stark parameters dependence on the emitter rest core charge within ion off-resonances*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 101.

- 1193.** (1008) Purić, J., Šćepanović, M., Ćuk, M.: 1997, *Stark widths predictions from regularities for some multiply charged ion off resonance lines*, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 320.

- 1194.** (1009) Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1997, *Shifts of the central parts of H beta line*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 113.

- 1195.** (1010) Srećković, A., Bukvić, S., Djeniže, S.: 1997, *Measured Stark width and shift of 220.798 nm neutral silicon spectral line*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 117.

- 1196.** (1011) Šišović, N. M., Miljević, V. I., Konjević, N.: 1997, *Investigation of the H beta spectral line shape in coaxial diode discharge*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 121.

1998

Šišović, N. M., Miljević, V. I., Konjević, N.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 461.

- 1197.** (1012) Videnović, I. R., Konjević, N., Kuraica, M. M.: 1997, *On the use of atomic hydrogen line shapes for the excited hydrogen atoms temperature determination in a glow discharge*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 125.

1998

Videnović, I. R.: 1998, Academia, 6, Zadužbina Andrejević, Beograd.

- 1198.** (1013) Vince, I., Erkapić, S.: 1997, *On the Chromospheric Behaviour of Photospheric Mn I 539.47 nm Spectral Line*, Abstract book, Kyoto IAU 23, Internationl astronomical union, Kyoto 1997, 251.
- 1998**
- Vince, I., Skuljan, J., Vučković, M., Popović, M.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 663.
- 1199.** (1014) Vince, O., Kubičela, A., Vince, I., Popović, L. Č., Jevremović, D.: 1997, *The influence of Belgrade Solar spectrograph's apparatus function on line profiles*, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 129.
- 1998**
- 1200.** (1015) Arsenijević, J., Kubičela, A.: 1998, *H-Alpha emission in Solar corona*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 141.
- 1201.** (1016) Arsenijević, J., Kubičela, A., Popović, L. Č., Trajković, N., Bon, E.: 1998, *Balmer emission in Solar and AGN coronas*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 659.
- 1202.** (1017) Blagojević, B., Popović, M. V., Konjević, N.: 1998, *Systematic Experimental Study of the Stark Broadening of C II, C III, N II, N III, O II and O III Spectral Lines*, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 44.
- 1203.** (1018) Blagojević, B., Popović, M. V., Konjević, N.: 1998, *Investigation of LS coupling in Carbon II*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 67.
- 1999**
- Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

2000

Blagojević, B., Popović, M. V., Konjević, N.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 671.

1204. (1019)

Blagojević, B., Popović, M. V., Konjević, N.: 1998, *Investigation of LS coupling in Nitrogen II*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 349.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

2000

Blagojević, B., Popović, M. V., Konjević, N.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 671.

1205. (1020)

Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1998, *Plasma Broadening of Analogous Spectral Lines of B II - C III and N II - O III*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 353.

1999

Djeniže, S.: 1999, Serb. Astron. J., **160**, 5.

2000

Djeniže, S.: 2000, Physica Scripta, **61**, 412.

1206. (1021)

Dimitrijević, M. S.: 1998, *Astronomski spektroskopija*, Publ. Astron. Obs. Belgrade, **62**, 1-116.

1999

Mišković, D.: 1999, *Štarkovo pomeranje spektralnih linija iz spektra jednostruko ionizovanog argona*, Diplomski rad, Fizički fakultet, Beograd.

2000

Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.

1207. (1022) Dimitrijević, M. S., Popović, L. Č.: 1998, *Stark broadening parameters for stellar plasma research: Bi III spectral lines*, Proc. 29th Conf. on Variable Star Research eds. J. Dušek, M. Zejda, Nicholas Copernicus Observatory and Planetarium Brno, 56.
1208. (1023) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of spectral lines of multicharged ions of astrophysical interest XVI. S V spectral lines*, Astron. Astrophys. Suppl. Series, **127**, 543.
- 1997
Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Bull. Astron. Belgrade, **155**, 131.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, XX Int. Conf. on Phys. Electronic and Atomic Collisions, Vienna 1997, MO 157.
- 1998
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **130**, 539.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.
- 1999
Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- 2000
Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
1209. (1024) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of V V and V XIII spectral lines*, Atomic Data and Nuclear Data Tables **68**, 241.

1997

Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 15.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.

2000

Popović, L. Č., Dimitrijević, M. S.: 2000, Physica Scripta, **61**, 192.

1210. (1025) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Sc X lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 19.

1211. (1026) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Mg XI lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 22.

1212. (1027) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Na X lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 26.

1213. (1028) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. XXI. Sc X, Sc XI, Ti XI and Ti XII spectral lines*, Astron. Astrophys. Suppl. Series, **131**, 143.

1998

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 19.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **157**, 39.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarusian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 84.

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 91.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 685.
- Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- 2000**
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIV A** (Astronomical Society of the Pacific), 401.
- 1214. (1029)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of spectral lines of multicharged ions of astrophysical interest XX. O VII and Mg XII spectral lines*, Astron. Astrophys. Suppl. Series, **131**, 141.
- 1998**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 22.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **157**, 93.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
- Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.

1999

- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

2000

- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIV A** (Astronomical Society of the Pacific), 401.

1215. (1030)

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of multicharged ions of astrophysical interest. XIX Na X spectral lines*, Astron. Astrophys. Suppl. Series, **130**, 539.

1998

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 26.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **157**, 65.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.

Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.

1999

- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.

- 2000
Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
1216. (1031) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of multicharged ions of astrophysical interest. XVII. Ca IX and Ca X spectral lines*, Astron. Astrophys. Suppl. Series, **128**, 359.
- 1997
Dimitrijević, M. S., Sahal-Bréchot , S.: 1997, Bull. Astron. Belgrade, **156**, 149.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 27.
- 1998
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **129**, 155.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **130**, 539.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.
- 1999
Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- 2000
Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.

1217. (1032) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening of spectral lines of multicharged ions of astrophysical interest. XVIII. Si XI and Si XIII*, Astron. Astrophys. Suppl. Series, **129**, 155.
- 1997
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 344.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 19.
- Dimitrijević, M. S., Sahal-Bréchot , S.: 1997, Bull. Astron. Belgrade, **156**, 113.
- 1998
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **130**, 539.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 141.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Astron. Astrophys. Suppl. Series, **131**, 143.
- Dimitrijević, M. S., Sahal - Bréchot, S.: 1998, Astron. Astrophys. Supplement Series, **133**, 227.
- 1999
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- 2000
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
1218. (1033) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Electron-Impact Broadening of Mg II Spectral Lines for Astrophysical and Laboratory Plasma Research*, Phys. Scripta, **58**, 61
- 1996
- Dimitrijević, M.S.: 1996, Zh. Prikl. Spektrosk. **53**, 810.

Milan S.Dimitrijević

- Popović, L.Č., Dimitrijević, M. S.: 1996, Proc. XI Nat. Conf. Yug. Astron., eds. M. Vukićević -Karabin, Z. Knežević, Publ.Astron. Obs. Belgrade **54**, 39.
- 1997**
- Dimitrijević, M. S. 1997, *Astrophys. Space Sci.*, **252**, 415.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1219. (1034)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Electron impact broadening parameters for Ti XI and Ti XII spectral lines*, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, *Europhysics Conference Abstracts* **22D**, 4-45.
- 1998**
- Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1998, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, *Europhysics Conference Abstracts* **22D**, 5-18.
- 1220. (1035)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Electron impact broadening parameter tables for Sc X, Sc XI, Ti XI and Ti XII*, Serb. Astron. J., **157**, 39.
- 1998**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics, of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 84.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1221. (1036)** Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Electron impact broadening parameter tables for Na X*, Serb. Astron. J., **157**, 65.

1998

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 26.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **157**, 93.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1222. (1037)

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Electron impact broadening parameter tables for O VII and Mg XI*, Serb. Astron. J., **157**, 93.

1998

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 22.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1223. (1038)

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of K VIII lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 78.

1224. (1039)

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Tl III and Pb IV lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 81.

1225. (1040)

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Ti XI lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 84.

- 1226.** (1041) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of F VI and Cl VII lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 87.
- 1227.** (1042) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Sc XI lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 91.
- 1228.** (1043) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening parameter tables for F VI and Cl VI*, Serb. Astron. J., **158**, 93.
- 1998**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 87.
- 2000**
- Dimitrijević, M.S., Sahal-Bréchot, S.: 2000, Physica Scripta, **61**, 319.
- 1229.** (1044) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening parameter tables for In III, Tl III and Pb IV*, Serb. Astron. J., **158**, 81.
- 1999**
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1230.** (1045) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Stark broadening parameter tables for K VIII and K IX*, Serb. Astron. J., **158**, 103.
- 1998**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 78.
- 1231.** (1046) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of K VIII and K IX lines*, Astron. Astrophys. Suppl. Series, **133**, 227.

1998

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 78.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 689.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **158**, 103.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.

2000

Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.

1232. (1047) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of Ti XII lines*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 685.

1233. (1048) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Shtarkovskoe ushirenie spektral'nykh linij YIII*, Zhurn. Prikl. Spektrosk., **65**, 476.

1997

Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L. Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 23.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1997, Bull. Astron. Belgrade, **155**, 145.

1999

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.

1234. (1049) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *On the Stark broadening of KIX lines*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 689.

1235. (1050) Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *A project for large-scale Stark broadening data production: F VI and Cl VII spectral lines*, IX Int. Conf. on the Physics of Highly charged ions, Bensheim 1998, Book of abstracts, A 42, 61.

1236. (1051) Dimitrijević, M. S., Tankosić, D.: 1998, *Stark broadening parameter regularities and interpolation and critical evaluation of data for CP star atmospheres research: Stark line shifts*, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnate Pleso, **27**, 335.

1237. (1052) Djeniže, S., Milosavljević, V.: 1998, *Measured Stark widths and shifts of several N III spectral lines: Temperature dependence*, Astron. Astrophys. Suppl. Series, **131**, 355.

2000

Blagojević, B., Popović, M. V., Konjević, N.: 2000, J. Quant. Spectrosc. Radiative Transfer, **67**, 9.

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.

1238. (1053) Djeniže, S., Milosavljević, V., Srećković, A.: 1998, *Measured Stark Widths and Shifts of Singly Ionized Oxygen Spectral Lines in Lower Multiplets*, J. Quant. Spectrosc. Radiative Transfer, **59**, 71.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

1998

Djeniže, S., Milosavljević, V.: 1998, Astron. Astrophys. Suppl. Series, **131**, 355.

Milosavljević, V., Djeniže, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.

Milosavljević, V., Djeniže, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 115.

1999

del Val, J. A., Aparicio, J. A., Gonzales, V., Mar, S.: 1999, *Measurement of Stark widths in single ionized oxygen*, Astron. Astrophys. Suppl. Series, **140**, 171.

Djeniže, S., Bukvić, S., Mišković, D.: 1999, J. Res. Phys., **28**, 235.

Djeniže, S., Bukvić, S., Mišković, D.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 67.

Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.

Konjević, N.: 1999, Physics Reports, **316**, 339.

Milosavljević, V., Djeniže, S.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 19.

Milosavljević, V., Djeniže, S.: 1999, J. Res. Phys., **28**, 243.

Mišković, D.: 1999, *Štarkovo pomeranje spektralnih linija iz spektra jednostruko ionizovanog argona*, Diplomski rad, Fizički fakultet, Beograd.

Mišković, D., Srećković, A., Bukvić, S., Djeniže, S.: 1999, J. Res. Phys., **28**, 247.

2000

Djeniže, S., Bukvić, S.: 2000, *Transition probabilities in the 4s' - 4p' and 4p' - 4d' transitions in Ar III spectrum*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 55.

- Djeniže, S., Bukvić, S.: *Transition probabilities in the 4s - 4p transitions in Ar IV spectrum*, 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 81.
- Djeniže, S., Milosavljević, V.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 59.
- Djeniže, S., Milosavljević, V.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 87.
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- Jelisavčić, M.: 2000, Diplomski rad, Fizički fakultet, Beograd.
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Milosavljević, V., Dimitrijević, M. S. Djeniže, S.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 277.
- Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proceedings of the second Serbian - Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 99.
- Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 119.
- Milosavljević, V., Djeniže, S.: 2000, *Osnovne karakteristike neonove plazme u impulsnom pražnjenju*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 655.

Line Shape Investigations in Yugoslavia and Serbia ^V (1997-2000)

- Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 33.
- Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, Phys. Rev. E, **62**, 4137.
- Riviere, Ph., Perrin, M. Y., Soufiani, A.: 2000, *Stark broadening of N I, O I, N II, O II spectral lines for modelling radiative transfer in thermal air plasmas*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 35.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 273.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.
- Srećković, A., Drinčić, V., Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 155.
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.

2001

- Djeniže, S., Bukvić, S.: 2001, *Transition probabilities of several transitions in the Ar III and Ar IV spectra*, Astron. Astrophys., **365**, 252.

- 1239.** (1054) Djeniže, S., Platiša, M., Srećković, A.: 1998, *Measured, calculated and estimated Stark width values*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
2000
Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Stark width of spectral lines dependence for the ns - n'p and np - n's transitions of Li-like ions*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 15.
Konovalova, O. A., Sarandaev, E. V., Salakhov, M. Kh.: 2000, *Regularities in behavior of the Stark width of the spectral lines of the ns - n'p and np - n's transitions for Li-like ions*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 305.
- 1240.** (1055) Djeniže, S., Srećković, A.: 1998, *On the Stark width regularities along the argon isonuclear sequence*, Serb. Astron. J., **157**, 25.
1998
Djeniže, S., Platiša, M., Srećković, A.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
1999
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **160**, 15.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 287.
2000
Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 51.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

- Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 77.
- Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.
- 1241. (1056)** Konjević, R., Konjević, N.: 1998, *Plasma broadening of the Ar VIII 115.47 nm and 116.19 nm lines*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 373.
- 1999**
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **160**, 15.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 287.
- 1242. (1057)** Kuraica, M. M., Konjević N., Obradović, B. M.: 1998, *On the use of relative line intensities of forbidden and allowed components of the He I 402.6 nm line for electric field measurements*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 465.
- 1243. (1058)** Mijatović, Z., Nikolić, D., Djurović, S., Kobilarov, R., Konjević, N.: 1998, *Stark broadening of neutral argon lines in plasmas*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 27.
- 1244. (1059)** Milosavljević, V., Djeniže, S.: 1998, *Measured Stark Widths and Shifts of NII, NIII and NIV Spectral Lines*, Astron. Astrophys. Suppl. Series, **128**, 197.
- 1997**
- Milosavljević, V., Djeniže, S.: 1997, Bull. Astron. Belgrade, **156**, 43.
- 1998**
- Djeniže, S., Milosavljević, V.: 1998, Astron. Astrophys. Suppl. Series, **131**, 355.
- Milosavljević, V., Djeniže, S.: 1998, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.
- Milosavljević, V., Djeniže, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 115.

Milan S.Dimitrijević

Milosavljević, V., Konjević R., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 393.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Blagojević, B., Popović, M. V., Konjević, N.: 1999, Physica Scripta, **59**, 374.

Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, Physica Scripta, **59**, 98.

Konjević, N.: 1999, Physics Reports, **316**, 339.

Milosavljević, V., Djeniže, S.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 19.

Milosavljević, V., Djeniže, S.: 1999, J. Res. Phys., **28**, 243.

Milosavljević, V., Konjević R., Djeniže, S.: 1999, Astron. Astrophys. Suppl. Series, **135**, 565.

2000

Djeniže, S.: 2000, Physica Scripta, **61**, 412.

Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.

Mar, S., Aparicio, J. A., de la Rosa, M. I., del Val, J. A., Gigosos, M. A., Gonzales, V. R., Perez, C.: 2000, *Measurement of Stark broadening and shift of visible N II lines*, J. Phys. B **33**, 1169

Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.

Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proceedings of the second Serbian - Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 99.

Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 33.

Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, Phys. Rev. E, **62**, 4137.

- Riviere, Ph., Perrin, M. Y., Soufiani, A.: 2000, *Stark broadening of N I, O I, N II, O II spectral lines for modelling radiative transfer in thermal air plasmas*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 35.
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
- 1245. (1060)** Milosavljević, V., Djeniže, S.: 1998, *Stark widths of the N V and O V spectral lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 55.
- 1998**
- Djeniže, S., Platiša, M., Srećković, A.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
- 2000**
- Djeniže, S., Srećković, A.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 659.
- 1246. (1061)** Milosavljević, V., Djeniže, S.: 1998, *On the 455.254 nm N II spectral line Stark width. Present status*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 115.
- 1247. (1062)** Milosavljević, V., Konjević R., Djeniže, S.: 1998, *Stark width of the 463.054 nm N II spectral line*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 393.
- 1248. (1063)** Nikolić, D. Lj.: 1998, *Uticaj temperature plazme na oblik i pomeraj spektralnih linija argona*, Magistarski rad, Univerzitet u Beogradu, Fizički fakultet, Beograd.
- 1999**
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 185.

Milan S.Dimitrijević

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 251.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 255.

Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 259.

2000

Djurović, S., Mijatović, Z., Kobilarov, R., Nikolić, D.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 569.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 285.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 289.

Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, Proc. 3rd Belarusian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 129.

- Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 293.
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 1249. (1064)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, *Plasma Broadened 419.07 nm and 419.10 nm Neutral Argon Lines*, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 45.
- 1250. (1065)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, *Plasma Broadened 419.07 nm and 419.10 nm Neutral Argon Lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 131.
- 1251. (1066)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, *Determination of the Ion-Broadening Parameter for Ar I 425.9 nm Spectral Line*, J. Res. Physics, **27**, 133.
- 2000**
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 293.
- 1252. (1067)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, *Plasma broadening of two close neutral argon lines 419.07 nm and 419.10 nm*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 381.

1998

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 131.

1253. (1068)

Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 1998, *Deconvolution Procedure for a Plasma Broadened Neutral Atom Lines*, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 46.

1254. (1069)

Nikolić, D., Mijatović, Z., Kobilarov, R., Djurović, S., Konjević, N.: 1998, *Deconvolution of plasma broadened neutral atom lines*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 385.

1998

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 381.

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1998, J. Res. Physics, **27**, 133.

1255. (1070)

Popović, L. Č.: 1998, *Spectral line investigation of active galactic nuclei at Belgrade astronomical observatory*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 32.

1256. (1071)

Popović, L. Č., Dimitrijević, M. S.: 1998, *Electron-impact broadening parameters for astrophysically important Eu II lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 135.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1257. (1072) Popović, L. Č., Dimitrijević, M. S.: 1998, *The electron-impact widths for 4s-4p of Sr III lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 71.
- 1999
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
1258. (1073) Popović, L. Č., Dimitrijević, M. S.: 1998, *Stark broadening parameters for Kr II lines from 5s - 5p transitions*, Astron. Astrophys. Suppl. Series, **127**, 295.
- 1996
- Popović, L.Č., Dimitrijević, M.S.: 1996, Proc. I Belarussian - Yugoslavian Symposium on Physics and Diagnostics of Laboratory & Astrophysical Plasma, PDP I'96, Minsk, eds. V.S. Burakov, M.S. Dimitrijević, Publ. Obs. Astron. Belgrade **53**, 139.
- 1997
- Popović, L.Č., Dimitrijević, M. S.: 1997, Fizika plazmy i plazmennye tekhnologii, Materialy konferencii, Minsk 1997, Tom 2, 328.
- Popović, L.Č., Dimitrijević, M. S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Cuk), Publ. Astron. Obs. Belgrade, **57**, 91.
- 1999
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **159**, 73.
- 2000
- Dimitrijević, M. S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 63.
- Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, Phys. Rev. E, **62**, 4137.

- Popović, L. Č., Dimitrijević, M. S.: 2000, *Physica Scripta*, **61**, 192.
- Popović, L. Č., Dimitrijević, M. S.: 2000, *Serb. Astron. J.*, **161**, 89.
- 1259. (1074)** Popović, L.Č., Dimitrijević, M. S.: 1998, *The electron impact broadening parameters in hot star atmospheres: Mn II, Mn III, Ge III, and Ge IV lines*, *Astron. Astrophys. Suppl. Series*, **128**, 203.
- 1997**
- Popović, L.Č., Dimitrijević, M. S.: 1997, Proc. II Yug. Conf. on Spectral Line Shapes, Bela Crkva, (eds. L.Č. Popović, M. Ćuk), Publ. Astron. Obs. Belgrade, **57**, 91.
- 1999**
- Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 2000**
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
- 1260. (1075)** Popović, L. Č., Dimitrijević, M. S.: 1998, *A program for electron-impact broadening parameter calculations of ionized rare-earth element lines*, Proc. 26th Meeting and Workshop of the European Working Group on CP Stars (Eds. P. North, A. Schnell, J. Žižnovsky), Contrib. Astron. Obs. Skalnate Pleso, **27**, 353.
- 1999**
- Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, *Astron. Astrophys.*, **350**, 719.
- 1261. (1076)** Popović, L. Č., Dimitrijević, M. S.: 1998, *Electron impact broadening parameters for VII lines*, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, *Europhysics Conference Abstracts* **22D**, 4-119.
- 1262. (1077)** Popović, L. Č., Dimitrijević, M. S.: 1998, *Estimation of electron-impact line widths for singly-, doubly- and triply-charged vanadium ions*, *Serb. Astron. J.*, **157**, 109.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, Astron. Astrophys., **350**, 719.

1263. (1078)

Popović, L. Č., Pavlović, R., Živkov, V., Djurašević G., Kubičela, A.: 1998, *Modelling double-peaked lines of AGNs: Close binary nucleus system*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Viđenović, Faculty of Physics, University of Belgrade, Belgrade, 639.

1998

Popović, L. Č.: 1998 Proc. II Yugoslav - Belarusian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 32.

1999

Popović, L. Č.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 79.

Popović, L. Č.: 1999 In: Invited Lectures of the 2nd Yugoslav-Belarusian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.

Popović, L. Č., Kubičela, A., Stanić, N., Bon, E.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 101.

2000

Popović, L. Č.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 113.

Popović, L. Č., Richter, G., Boehm, P.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 87.

- 1264.** (1079) Popović, L. Č., Tankosić D., Dimitrijević, M. S.: 1998, *Stark broadening mechanism in atmospheres of A, DA and DB type stars*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 143.
- 1265.** (1080) Popović, L. Č., Tankosić D., Bon, E., Dimitrijević, M. S.: 1998, *The electron-impact broadening parameters for 6s-6p Au II lines*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 681.
- 1998**
- Popović, L. Č., Tankosić D., Dimitrijević, M. S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 143.
- 1999**
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 1266.** (1081) Popović L. Č., Trajković, N., Kubičela, A.: 1998, *Observation of the gravitational effect in H beta of AGNs*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 67.
- 1998**
- Popović, L. Č.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 32.
- 1999**
- Popović, L. Č.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 79.
- Popović, L. Č.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.

1267. (1082) Popović, L. Č., Trajković, N., Kubičela, A., Doroshenko, V. T., Sergeev, S. G., Bon, E., Stanić, I.: 1998, *Long term H beta line profile variation in Akn 120*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 139.
- 1999
- Popović, L. Č.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.
- 2000
- Stanić, N., Popović, L. Č., Kubičela, A., Bon, E.: 2000, Serbian Astronomical Journal, **162**, 7.
1268. (1083) Purić, J., Šćepanović, M.: 1998, *Stark parameter general regularities for the ion lines*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 151.
1269. (1084) Purić, J., Šćepanović, M.: 1998, *Stark parameter dependence on the emitter rest core charge within isoelectronic sequences*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 369.
1270. (1085) Savić, I., Vujičić, B., Djurović, S., Pavlov, M.: 1998, *Measurements of the H beta central part shifts*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 377.
- 2000
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
1271. (1086) Srećković, A., Bukvić, S., Djeniže, S.: 1998, *Measured Stark Widths and Shifts of Neutral Silicon Spectral Lines*, Physica Scripta, **57**, 225.
- 2000
- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIV A** (Astronomical Society of the Pacific), 401.

1272. (1087) Srećković, A., Djeniže, S.: 1998, *On the Stark width regularities in the Ar II spectrum: 4s-4p and 3d-4p transitions*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 159.
1273. (1088) Srećković, A., Djeniže, S.: 1998, *Stark width regularities in the Ar II spectrum: 4p-4d transition*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 389.
- 1998
- Djeniže, S., Platiša, M., Srećković, A.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
- Srećković, A., Djeniže, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 159.
1274. (1089) Šišović, N. M., Miljević, V. I., Konjević, N.: 1998, *Radial distribution of argon spectral lines intensities in a coaxial diode glow discharge*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 461.
1275. (1090) Tankosić D., Popović, L.Č., Dimitrijević, M. S.: 1998, *The electron impact broadening parameters for Ti II lines*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, Publ. Obs. Astron. Belgrade **60**, 83.
- 1999
- Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
1276. (1091) Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1998, *The electron impact broadening parameters for Ti III spectral lines*, 6th EPS Conference on Atomic and Molecular Physics, Siena 1998, eds. C. Biancalana, P. Bicchi, E. Mariotti, Europhysics Conference Abstracts **22D**, 5-18.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Ć. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1277. (1092) Videnović, I. R.: 1998, *Katodni tamni prostor tinjavog gasnog pražnjenja*, Academia, 6, Zadužbina Andrejević, Beograd.

1278. (1093) Videnović, I., Platiša, M.: 1998, *The influence of the fine structure to the hydrogen Balmer line shapes in the conditions typical for the analytical glow discharge cathode fall region*, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 175.

1279. (1094) Videnović, I., Platiša, M.: 1998, *The influence of the fine structure to the Stark splitting of the hydrogen Balmer H gamma line in an external electric field*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 341.

1998

Videnović, I., Platiša, M.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 175.

1280. (1095) Vince, I., Kubičela, A.: 1998, *Flash spectrum observations around the Balmer jump*, Proc. 4th Yugoslav - Romanian Astronomical Meeting, Eds. M. S. Dimitrijević, L. Ć. Popović, Publ. Obs. Astron. Belgrade **60**, 147.

1281. (1096) Vince, I., Skuljan, J., Vučković, M., Popović, M.: 1998, *Temperature sensitivity of the Mn 539.467 nm line: I. An observational approach*, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 663.

1999

1282. (1097) Blagojević, B.: 1999, *Širenje i pomeraj analognih spektralnih linija jona u plazmi duž izoelektronskih nizova*, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

1283. (1098) Blagojević, B., Popović, M. V., Konjević, N.: 1999, *Stark Broadening of Spectral Lines of Singly Ionized C, N, O, F and Ne*, Physica Scripta, **59**, 374.
- 1999
- Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.
- 2000
- Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.
- Djeniže, S., Milosavljević, V.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 87.
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- Riviere, Ph., Perrin, M. Y., Soufiani, A.: 2000, *Stark broadening of N I, O I, N II, O II spectral lines for modelling radiative transfer in thermal air plasmas*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 35.
- Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.
- Srećković, A., Drinčić, V., Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 155.
- Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.
1284. (1099) Blagojević, B., Popović, M. V., Konjević, N.: 1999, *Systematic Experimental Study of the Stark Broadening of C II, C III, N II, N III, O II and O III Spectral Lines*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 189.

2000

Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.

1285. (1100)

Blagojević, B., Popović, M. V., Konjević, N., Dimitrijević, M. S.: 1999, *Stark broadening parameters of analogous spectral lines along the lithium and beryllium isoelectronic sequences*, J. Quant. Spectrosc. Radiat. Transfer, **61**, 361.

1998

Blagojević, B., Popović, M. V., Konjević, N.: 1998, 14th Int. Conf. on Spectral Line Shapes, State College, Pennsylvania, 1998, Penn State University Park, 44.

1999

Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.

Blagojević, B., Popović, M. V., Konjević, N.: 1999, Physica Scripta, **59**, 374.

Blagojević, B., Popović, M. V., Konjević, N.: 1999, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 189.

Dimitrijević, M. S.: 1999, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

Dimitrijević, M. S.: 1999, Serb. Astron. J., **159**, 65.

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 59.

Djeniže, S.: 1999, J. Res. Phys., **28**, 231.

Konjević, N.: 1999, Physics Reports, **316**, 339.

2000

Blagojević, B., Popović, M. V., Konjević, N.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 30.

Blagojević, B., Popović, M. V., Konjević, N.: 2000, J. Quant. Spectrosc. Radiative Transfer, **67**, 9.

Djeniže, S., Srećković, A.: 2000, 10. Kongres fizičara Jugoslavije, Vrnička Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 659.

Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.

Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.

Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, J. Phys. B, **33**, 4873.

Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.

1286. (1101) Bon, E., Stanić, N., Kubičela, A., Popović, L. Č.: 1999, *The Procedure of AGN Spectra Elaboration by Using IRAF: The case of H alpha of IIIZw2*, J. Res. Phys., **28**, 311.

1287. (1102) Ćirković, M. M.: 1999, *Low redshift Ly alpha 'forest and the column density distribution function*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 45.

1288. (1103) Ćirković, M. M.: 1999, *Damped Ly alpha system toward QSO1854+116 - A new type of absorber?*, Serb. Astron. J., **160**, 11.

1289. (1104) Dimitrijević, M. S.: 1999, *Stark broadening data tables for some analogous spectral lines along Li and Be isoelectronic sequences*, Serb. Astron. J., **159**, 65.

1290. (1105) Dimitrijević, M. S.: 1999, *Influence of collisions with charged particles on astrophysical spectra*, Seminar on Current Issues of Astronomical and Planetary Environmental Concern, Thessaloniki 1998, Ed. N. K. Spyrou, Thessaloniki, 63.

1291. (1106) Dimitrijević, M. S.: 1999, *Astrofizički značaj istraživanja spektralnih linija i odgovarajuća istraživanja u Jugoslaviji*, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.
- 2000
- Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
1292. (1107) Dimitrijević, M. S.: 1999, *Stark broadening data for stellar plasma research*, Astronomical and Astrophysical Transactions, **18**, 163.
1293. (1108) Dimitrijević, M. S., Cvetković, Z., Dačić, M.: 1999, *Belgrade meridian circle observations of stars of interest for the investigations of the Stark broadening influence on stellar spectral lines*, J. Res. Phys., **28**, 315.
1294. (1109) Dimitrijević, M. S. Sahal-Bréchot, S.: 1999, *A project for large-scale Stark broadening data calculation: Ca I*, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts **23 D** (ed. F. Vedel), 218.
1295. (1110) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *A project for large-scale Stark broadening data production of interest for Be stars*, IAU Colloquium 175, Alicante, The Be Phenomenon in Early-Type Stars, Abstracts, (1999), 1-2 (without numeration).
1296. (1111) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening parameter tables for Kr VIII*, Serb. Astron. J., **159**, 73.
- 1999
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of Kr VIII lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 51.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 287.
- 2000
- Dimitrijević, M. S., Sahal-Bréchot, S.: 2000, *Physica Scripta*, **61**, 319.
1297. (1112) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of Kr VIII lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 51.

1298. (1113) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of neutral zinc spectral lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 55.
1299. (1114) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening of neutral calcium spectral lines*, Astron. Astrophys. Suppl. Series, **140**, 191.
1999
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **160**, 35.
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 295.
- 2000
Dimitrijević, M. S., Sahal-Bréchot S.: 2000, Serb. Astron. J., **161**, 39.
1300. (1115) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening of neutral zinc spectral lines*, Astron. Astrophys. Suppl. Series, **140**, 193.
1999
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of neutral zinc spectral lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 55.
- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **160**, 21.
1301. (1116) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening parameter tables for Ar VIII*, Serb. Astron. J., **160**, 15.
1302. (1117) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening parameter tables for neutral zinc spectral lines*, Serb. Astron. J., **160**, 21.
1303. (1118) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *Stark broadening parameter tables for neutral calcium spectral lines. I*, Serb. Astron. J., **160**, 35.
1999
Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, J. Res. Phys., **28**, 295.
- 2000
Dimitrijević, M. S., Sahal-Bréchot S.: 2000, Serb. Astron. J., **161**, 39.
1304. (1119) Dimitrijevich, M. S., Saha-Brecho, S.: 1999, *Shtarkovskoe ushirenie spektral'nykh linij In III, Tl III i Pb IV*, Zhurn. Prikl. Spektrosk., **66**, 753.

1993

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 81.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, *Tl III and Pb IV*, Serb. Astron. J., **158**, 81.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

1305. (1120) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of Ar VIII spectral lines*, J. Res. Phys., **28**, 287.

1306. (1121) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of neutral silver spectral lines*, J. Res. Phys., **28**, 291.

1307. (1122) Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of neutral calcium spectral lines*, J. Res. Phys., **28**, 295.

1308. (1123) Djeniže, S.: 1999, *Measured, calculated and estimated Stark widths of the 580.133 nm and 581.198 nm C IV spectral lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 59.

2000

Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.

1309. (1124) Djeniže, S.: 1999, *On the Stark width regularities in the doubly ionized sulfur spectrum*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 63.

2000

Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.

1310. (1125) Djeniže, S.: 1999, *On the Stark width regularities in the singly ionized argon spectrum*, Serb. Astron. J., **160**, 5.

1311. (1126) Djeniže, S.: 1999, *On the Stark width regularities in the doubly ionized oxygen spectrum*, J. Res. Phys., **28**, 227.

1312. (1127) Djeniže, S.: 1999, *Measured, calculated and estimated Stark width of the 381.135 nm O VI spectral line*, J. Res. Phys., **23**, 231.
1313. (1128) Djeniže, S., Bukvić, S., Mišković, D.: 1999, *Measured Stark widths of several Ar IV spectral lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 67.
- 2000
- Djeniže, S.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 51.
- Djeniže, S., Bukvić, S.: 2000, *Transition probabilities in the 4s' - 4p' and 4p' - 4d' transitions in Ar III spectrum*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 55.
1314. (1129) Djeniže, S., Bukvić, S., Mišković, D.: 1999, *Measured Stark widths of several Ar II and Ar III spectral line*, J. Res. Phys., **28**, 235.
1315. (1130) Djeniže, S., Srećković, A., Labat, J., Platiša, M.: 1999, *On the Stark Width Regularities in the Singly Ionized Spectra*, Physica Scripta, **59**, 98.
- 1998
- Djeniže, S., Platiša, M., Srećković, A.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 397.
- 1999
- Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 63.
- Djeniže, S.: 1999, Serb. Astron. J., **160**, 5.
- 2000
- Djeniže, S.: 2000, Physica Scripta, **61**, 412.
- Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.
1316. (1131) Ignjatović, Lj. M., Mihajlov, A. A., Dimitrijević, M. S.: 1999, *Quasimolecular bands in optical spectra of weakly ionized plasmas*, J. Res. Phys., **28**, 221.

- 1317.** (1132) Ivković M., Konjević, N.: 1999, *On the application of Balmer beta line shape for electron diagnostics in the range $10^{20} - 10^{21} m^{-3}$* , J. Res. Phys., **28**, 231.
- 1318.** (1133) Jevremović, D.: 1999, *Hydrogen Balmer Lines in Stellar Flares*, Ph D Thesis, Faculty of Science at the Queen's University of Belfast, Belfast.
- 1319.** (1134) Konjević, N.: 1999, *On the plasma broadening and shifting of non-hydrogenic spectral lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 12.
- 1320.** (1135) Konjević, N.: 1999, *Plasma broadening and shifting of non-hydrogenic spectral lines: Present status and applications*, Physics Reports, **316**, 339.
1999
- Blagojević, B., Popović, M. V., Konjević, N.: 1999, Physica Scripta, **59**, 374.
- 2000**
- Arkhipenko, V. I., Simonchik, L. V.: 2000, *The hydrogen and helium lines broadening in the glow discharge at atmospheric pressure*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 17.
- Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.
- Jovićević, S., Ivković, M., Pavlović, Z., Konjević, N.: 2000, *Parametric study of an atmospheric pressure microwave induced plasma of the mini MIP torch - I. Two - dimensional spatially resolved electron-number density measurements*, Spectrochimica Acta B, **55**, 1879.
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Wrubel, Th., Buescher, S.: 2000, *Measurement of the Resonance Transition in C IV in a Gas-Liner Pinch Device*, Contributions to Plasma Physics, **40**, 178.
- Wrubel, Th., Buescher, S., Kunze, H. J.: 2000, *Radially and axially resolved Thomson scattering in a gas - liner pinch*, Plasma Physics and Controlled Fusion, **42**, 519.

1321. (1136) Lesage, A., Konjević, N., Fuhr, J. R.: 1999, *Progress in Spectral Line Shapes and Shifts Evaluation of Experimental Stark Broadening Parameters*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 27.
1322. (1137) Mijatović, Z., Nikolić, D., Djurović, S., Kobilarov, R., Konjević, N.: 1999, *Stark broadening of neutral argon lines by plasmas*, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 47.
1323. (1138) Milosavljević, V., Djeniže, S.: 1999, *Intensity Ratios among Allowed (4^3D - 2^3P) and Forbidden (4^3F - 2^3P) Components of the He I 447 nm Spectral Line*, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 19.
1324. (1139) Milosavljević, V., Djeniže, S.: 1999, *Measured Stark widths of singly ionized oxygen spectral lines*, J. Res. Phys., **28**, 243.
1325. (1140) Milosavljević, V., Konjević R., Djeniže, S.: 1999, *Temperature dependence of Stark width of the 463.054 nm N II spectral line*, Astron. Astrophys. Suppl. Series, **135**, 565.
- 1998**
- Milosavljević, V., Konjević R., Djeniže, S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 393.
- 1999**
- Milosavljević, V., Djeniže, S.: 1999, J. Res. Phys., **28**, 243.
- 2000**
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Riviere, Ph., Perrin, M. Y., Soufiani, A.: 2000, *Stark broadening of N I, O I, N II, O II spectral lines for modelling radiative transfer in thermal air plasmas*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 35.

- Stehle, C., Peach, G.: 2000, *Line broadening*, Reports on Astronomy, ed. J. Andersen, Transactions of the International Astronomical Union, **XXIVA** (Astronomical Society of the Pacific), 401.
- 1326. (1141)** Mišković, D.: 1999, *Štarkovo pomeranje spektralnih linija iz spektra jednostruko ionizovanog argona*, Diplomski rad, Fizički fakultet, Beograd.
- 1327. (1142)** Mišković, D., Srećković, A., Bukvić, S., Djeniže, S.: 1999, *Experimental Stark shifts of several Ar II spectral lines*, J. Res. Phys., **28**, 247.
1999
Mišković, D.: 1999, Diplomski rad, Fizički fakultet, Beograd.
- 1328. (1143)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *Plasma Broadened 419.07 nm and 419.10 nm Neutral Argon Lines*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 191.
1999
Mijatović, Z., Nikolić, D., Djurović, S., Kobilarov, R., Konjević, N.: 1999, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 47.
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 185.
- 1329. (1144)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *On the Stark broadening of some Ar I spectral lines*, J. Res. Phys., **28**, 251.
- 1330. (1145)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *Quasi - static Stark profile as a model of the spectral line shape of heavy neutral non - hydrogen emitters*, J. Res. Phys., **28**, 185.
1999
Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 1999, J. Res. Phys., **28**, 259.
2000
Djurović, S., Mijatović, Z., Kobilarov, R., Nikolić, D.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 569.

- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 1331. (1146)** Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, *Experimental Stark parameters for Ar I 426.63 nm and Ar II 426.65 nm spectral lines*, J. Res. Phys., **28**, 255.
- 2000**
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 285.
- 1332. (1147)** Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 1999, *Ion-Broadening parameter for C I 502.2 nm spectral line*, J. Res. Phys., **28**, 259.
- 2000**
- Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 289.
- Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, Proc. 3rd Belarusian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 129.
- 1333. (1148)** Nikolić, D., Mijatović, Z., Kobilarov, R., Djurović, S., Konjević, N.: 1999, *Deconvolution procedure for plasma broadened neutral atom lines*, In: Spectral Line Shapes **10**, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings **467**, American Institute of Physics, Woodbury, New York, 193.

1999

Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 1999, In: Spectral Line Shapes 10, 14th ICSLS, State College, Pennsylvania. June 1998, ed. R. M. Herman, AIP Conference Proceedings 467, American Institute of Physics, Woodbury, New York, 191.

1334. (1149) Popović, L. Č.: 1999, *Istraživanje oblika spektralnih linija aktivnih galaksija na Astronomskoj opservatoriji u Beogradu*, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 79.

2000

Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.

1335. (1150) Popović, L. Č.: 1999, *Spectral line investigation of active galactic nuclei at Belgrade observatory*, In: Invited Lectures of the 2nd Yugoslav-Belorussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, September 5-6, 1998, Zlatibor, Yugoslavia, eds. M. S. Dimitrijević, J. Purić, V. S. Burakov, Publ. Astron. Obs. Belgrade, **66**, 55.

1336. (1151) Popović, L. Č., Ćirković, M., Simić, S.: 1999, *Possible cosmological connection between quasars and Ly alpha absorbing system clustering*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 97.

1337. (1152) Popović, L. Č., Dimitrijević, M. S.: 1999, *The electron-impact effect in Hg-Mn stars: Astrophysical important Zr III lines*, J. Res. Phys., **28**, 303.

1338. (1153) Popović, L. Č., Dimitrijević, M. S., Milovanović, N. D., Trajković, N.: 1999, *BELDATA - The astronomical database of Astronomical observatory: Stark broadening data investigations*, J. Res. Phys., **28**, 307.

2000

Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 117.

1339. (1154) Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, *Stark broadening effect in CP stellar atmospheres: The case of ionized rare earth element lines*, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts 23 D (ed. F. Vedel), 422.
1340. (1155) Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, *The electron-impact broadening effect in CP stars: The case of La II, La III, Eu II, and Eu III lines*, Astron. Astrophys., **350**, 719.
- 1998**
- Popović, L. Č., Dimitrijević, M. S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 135.
- 1999**
- Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts 23 D (ed. F. Vedel), 422.
- 2000**
- Dimitrijević, M. S., Popović, L. Č., Milovanović, N.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 34.
- Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
- Simić, S., Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 489.

- Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 2000, In: Long and Short Term Variability in Sun's History and Global Change, Ed. Wilfried Schroeder, Interdivisional Commission on History of the IAGA, European Section, Newsletters of the Interd. Comin. History, **39**, Science Edition, Bremen-Roennebeck, 242-246.
1341. (1156) Popović, L. Č., Dimitrijević, M. S., Tankosić, D.: 1999, *Stark broadening parameter tables for Au I and Au II*, Serb. Astron. J., **159**, 59.
1342. (1157) Popović, L. Č., Dimitrijević, M. S., Tankosić, D.: 1999, *The stark broadening effect in hot star atmospheres: Au I and Au II lines*, Astron. Astrophys., **339**, 617.
- 1998
- Popović, L. Č., Tankosić, D., Bon, E., Dimitrijević, M. S.: 1998, 19th SPIG Zlatibor 1998, Contributed papers & Abstracts of invited lectures, topical invited lectures and progress reports, Eds. N. Konjević, M. Ćuk, I. R. Videnović, Faculty of Physics, University of Belgrade, Belgrade, 681.
- Popović, L. Č., Tankosić, D., Dimitrijević, M. S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 143.
1343. (1158) Popović, L. Č., Kubičela, A., Stanić, N., Bon, E.: 1999, *Active galactic nuclei with double peaked lines: Akn 120, 3C390.3 and III Zw2*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 101.
1344. (1159) Purić, J., Šćepanović, M.: 1999, *General Regularities of Stark parameters for Ion Lines*, Astrophys. J., **521**, 490.
- 1999
- Purić, J., Šćepanović, M.: 1999, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51
- 2000
- Purić, J., Šćepanović, M.: 2000, 10. Kongres fizičara Jugoslavije, Vrnička Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.

- Šćepanović, M., Purić, J.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.
- 1345. (1160)** Purić, J., Šćepanović, M.: 1999, *Stark parameters dependence on the emitter rest core charge within isoelectronic sequences*, Proc. XXIV Int. Conf. Phen. Ioniz. Gases, Warsaw, eds. P. Pisarczyk, T. Pisarczyk, J. Wolowski, Vol. 2, 51.
- 1346. (1161)** Samurović S., Ćirković, M. M.: 1999, *Ly-alpha Forest and the Total Absorption Cross-Section of Galaxies - An Example of the NTT SUSI Deep Field*, In: Observational Cosmology: The Development of Galaxy Systems, eds. G. Guiricin, M. Mezzetti and P. Salucci, ASP Conference Series **176**, 487.
- 1347. (1162)** Savić, I., Djurović, S., Vujičić, R., Kobilarov, R.: 1999, *The assymetry of the H beta line profile*, J. Res. Phys., **28**, 267.
- 2000**
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- 1348. (1163)** Stanić, N., Ćirković, M., Samurović, S.: 1999, *QSO environment and associated damped Ly alpha galaxies*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 105.
- 1349. (1164)** Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1999, *The electron-impact broadening parameters for Ra II spectral lines*, 31 EGAS (European Group for Atomic Spectroscopy), Marseille, Europhysics Conference Abstracts **23 D** (ed. F. Vedel), 245.
- 1350. (1165)** Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 1999, *The electron-impact broadening parameters for astrophysically important lines in Co II spectra*, J. Res. Phys., **28**, 299.
- 1351. (1166)** Videnović, I.: 1999, *Characteristic line profile parameters of hydrogen Balmer lines in an external electric field*, J. Res. Phys., **28**, 263.
- 1352. (1167)** Vince, I.: 1999, *Spectroscopic investigations during Solar eclipses*, J. Res. Phys., **28**, 219.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

2000

1353. (1168) Blagojević, B., Popović, M. V., Konjević, N.: 2000, *Provera važenja spin-orbitne sprege unutar 3s-3p i 3p-3d multipleta delimičnih izoelektronskih nizova bora i ugljenika*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 671.
1354. (1169) Blagojević, B., Popović, M. V., Konjević, N.: 2000, *Stark Shifting of Analogous Spectral Lines along Isoelectronic Sequences of Beryllium and Boron*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 30.
1355. (1170) Blagojević, B., Popović, M. V., Konjević, N.: 2000, *Stark line broadening of 3s-3p and 3p-3d transitions of doubly ionized C, N, O, F and Ne*, J. Quant. Spectrosc. Radiative Transfer, **67**, 9.

1999

- Blagojević, B.: 1999, Doktorska disertacija, Fizički fakultet Univerziteta u Beogradu, Beograd.
1356. (1171) Dimitrijević, M. S.: 2000, *On the Stark broadening parameters for solar plasma research*, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 117.
1357. (1172) Dimitrijević, M. S.: 2000, *Stark broadening data for astrophysical plasma investigations*, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 206.
1358. (1173) Dimitrijević, M. S.: 2000, *Stark broadening in astrophysics*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 471.
1359. (1174) Dimitrijević, M. S.: 2000, *Modified semiempirical method 1980-2000*, Proc. 3rd Belarusian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 63.

2000

Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 117.

1360. (1175) Dimitrijević, M. S., Popović, L. Č., Milovanović, N.: 2000, *BELDATA - Database of Belgrade astronomical observatory*, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 176 (207).

1361. (1176) Dimitrijević, M. S., Popović, L. Č., Milovanović, N.: 2000, *Stark broadening effect and zirconium conflict problem*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 34.

1362. (1177) Dimitrijević, M. S., Sahal-Bréchot S.: 2000, *Stark broadening parameter tables for neutral calcium spectral lines II*, Serb. Astron. J., **161**, 39.

1999

Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **160**, 35.

1363. (1178) Dimitrijević, M.S., Sahal-Bréchot, S.: 2000, *Stark Broadening of F VI, Cl VII and Kr VIII Spectral Lines*, Physica Scripta, **61**, 319.

1998

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Proc. II Yugoslav - Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas, Zlatibor 1998, Eds. M. S. Dimitrijević, V. S. Burakov, Publ. Astron. Obs. Belgrade, **61**, 87.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1998, Serb. Astron. J., **158**, 93.

1999

Dimitrijević, M. S.: 1999, Proc. 1st Bulgarian - Yugoslav Astronomical Meeting, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Obs. Astron. Belgrade **64**, 37.

Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, Serb. Astron. J., **159**, 73.

Line Shape Investigations in Yugoslavia and Serbia V (1997-2000)

- Dimitrijević, M. S., Sahal-Bréchot, S.: 1999, *On the Stark broadening of Kr VIII lines*, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 51.
- Dimitrijević, M. S., Saha-Brecho, S.: 1999, Zhurn. Prikl. Spektrosk., **66**, 753.
- 2000**
- Milosavljević, V., Dimitrijević, M. S. Djeniže, S.: 2000, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 277.
- 1364. (1179)** Dimitrijević, M. S., Sahal-Brechot, S.: 2000, *A project for large-scale Stark broadening data calculation: Cd I spectral lines*, International Astronomical Union 24th General Assembly, Manchester 7-18 August 2000, Abstract book, 136
- 1365. (1180)** Dimitrijević, M.S., Tankosić, D.: 2000, *On the variation of stark line shifts within a given spectrum in the case of irregular energy level structure*, Physica Scripta, **62**, 177.
- 1999**
- Popović, L. Č., Dimitrijević, M. S., Ryabchikova, T.: 1999, Astron. Astrophys., **350**, 719.
- 2000**
- Popović, L. Č., Dimitrijević, M. S.: 2000, Physica Scripta, **61**, 192.
- 1366. (1181)** Djeniže, S.: 2000, *On the Stark Width Regularities in Doubly Ionized Spectra*, Physica Scripta, **61**, 412.
- 1999**
- Djeniže, S.: 1999, Proc. XII Nat. Conf. Yug. Astron. and Int. Workshop on the Development of Astronomical Databases, eds. L. Č. Popović, M. Dačić, Publ. Astron. Obs. Belgrade, **65**, 63.
- Djeniže, S.: 1999, Serb. Astron. J., **160**, 5.

2000

Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 77.

Djeniže, S.: 2000, Serb. Astron. J., **161**, 89.

1367. (1182)

Djeniže, S.: 2000, *Measured, calculated and estimated Stark widths of several Ar IV spectral lines*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 51.

2000

Djeniže, S., Milosavljević, V.: 2000, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 59.

2001

Djeniže, S., Bukvić, S.: 2001, *Transition probabilities of several transitions in the Ar III and Ar IV spectra*, Astron. Astrophys., **365**, 252.

1368. (1183)

Djeniže, S.: 2000, *Measured, calculated and estimated Stark widths of several Ar III spectral lines*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 77.

1369. (1184)

Djeniže, S.: 2000, *Measured, calculated and predicted Stark widths of the singly ionized C, N, O, F, Ne, Si, P, S, Cl, and Ar Spectral lines*, Serb. Astron. J., **161**, 89.

2000

Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 77.

Djeniže, S., Milosavljević, V.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 87.

1370. (1185) Djeniže, S., Milosavljević, V.: 2000, *Stark broadening in the Ne II 3s 4P3p $^4D^o$ multiplet*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 59.
1371. (1186) Djeniže, S., Milosavljević, V.: *Experimental Stark widths in the Ne II spectrum*, 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 87.
1372. (1187) Djeniže, S., Srećković, A.: 2000, *O Šarkovom širenju spektralnih linija iz prelaza 3s-3p u spektru četvorostruko ionizovanog azota*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 659.
1373. (1188) Djurović, S., Mijatović, Z., Kobilarov, R., Nikolić, D.: 2000, *Odredjivanje oblika i pomeraja spektralnih linija emitovanih iz plazme*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 569.
1374. (1189) Drinčić, V.: 2000, *Šarkovo širenje nekih spektralnih linija iz spektra C II, C III i C IV*, Magistarski rad, Fizički fakultet, Beograd.
1375. (1190) Gemišić, M. R., Obradović, B. M., Dojčinović, I. P., Kuraica, M. M., Purić, J., Konjević, N.: 2000, *Spectra of the Grimm type glow discharge in the vicinity of Hydrogen L alpha line*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 49.
1376. (1191) Jelisavčić, M.: 2000, *Šarkovo širenje i pomeranje spektralnih linija iz spektra trostruko ionizovanih atoma sumpora*, Diplomski rad, Fizički fakultet, Beograd.
1377. (1192) Jevremović, D.: 2000, *Balmer lines in stellar flares*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 477.
1378. (1193) Kantar, B., Šišović, N. M., Platiša M. M.: 2000, *Dekonvolucija profila spektralnih linija neona snimljenih Fabry-Perot interferometrom*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 651.

1379. (1194) Kirćan, M.: 2000, *Proračun oblika spektralnih linija neutralnog vodonika u aproksimaciji najbližeg suseda*, Diplomski rad, Prirodno matematički fakultet, Novi Sad.
1380. (1195) Konjević, N., Lesage, A.: 2000, *Plasma broadening and shifting of non-hydrogenic spectral lines: Present status and applications*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 13.
1381. (1196) Konjević, N., Lesage, A., Fuhr, J. R., Wiese, W. L.: 2000, *A New Critical Review of Experimental Stark Widths and Shifts*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 29.
1382. (1197) Konjević, R., Konjević, N.: 2000, *On the Stark broadening of Ar VIII 115.47 and 116.19 nm lines*, J. Quant. Spectrosc. Radiative Transfer, **67**, 181.
1383. (1198) Konjević, R., Konjević, N.: 2000, *On the Stark broadening of singly ionized tin lines*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 281.
1384. (1199) Mijović, S., Vučelić, M.: 2000, *Fitting procedures for recovering true profile of spectral lines*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 321.
1385. (1200) Milijatović, M.: 2000, *Analiza teorijskih profila štarkovski proširene vodonikove H beta linije*, Diplomski rad, Prirodno matematički fakultet, Novi Sad.
1386. (1201) Milosavljević, V.: 2000, *Štarkovo širenje spektralnih linija atomskih spektara inertnih gasova*, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
1387. (1202) Milosavljević, V., Dimitrijević, M. S. Djeniže, S.: 2000, *Stark widths in the Ne IV spectrum*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj.

- Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 277.
- 1388. (1203)** Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, *Stark shift of several Kr II lines*, Proceedings of the second Serbian - Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 99.
- 1389. (1204)** Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, *The Kr II spectral lines Stark widths*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 119.
- 1390. (1205)** Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, *Stark widths and shifts of the Kr III spectral lines*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 33.
- 1391. (1206)** Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, *Stark broadening parameters of the Kr II and Kr III spectral lines*, Phys. Rev. E, **62**, 4137.
- 2000**
- Milosavljević, V.: 2000, Doktorska disertacija, Fizički fakultet, Univerzitet u Beogradu, Beograd.
- Milosavljević, V., Dimitrijević, M. S., Djeniže, S., Popović, L. Č.: 2000, Proceedings of the second Serbian - Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 99.
- Milosavljević, V., Djeniže, S., Dimitrijević, M. S., Popović, L. Č.: 2000, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 33.
- 1392. (1207)** Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, *Stark broadening effect in hot star atmospheres: Tl II*, International Astronomical Union 24th General Assembly, Manchester 7-18 August 2000, Abstract book, 136

1393. (1208) Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, *Creation of database for Stark broadening parameters at Belgrade Astronomical observatory*, Djeniže, S.: 2000, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 117.
1394. (1209) Milovanović, N., Popović, L. Č., Dimitrijević, M. S., Tankosić, L., Bon, E.: 2000, *Uticaj sudara emitera sa elektronima na oblik spektralnih linija iz zvezdanih atmosfera*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 675.
1395. (1210) Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, *Measured Stark broadening parameters for Ar I 426.63 nm and Ar II 426.65 nm spectral lines*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 285.
1396. (1211) Nikolić, D., Djurović, S., Mijatović, Z., Kobilarov, R., Konjević, N.: 2000, *Ion-broadening parameter determination for several neutral argon lines*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 289.
1397. (1212) Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, *Experimental determination of ion-broadening parameter for C I 505.2 nm spectral line*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 293.

1398. (1213) Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, *Determination of ion-broadening parameter for C I 505.2 nm and Ar I 419.8 nm line*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 129.
1399. (1214) Nikolić, D., Mijatović, Z., Djurović, S., Kobilarov, R., Konjević, N.: 2000, *On modeling of the spectral line shape of heavy neutral non-hydrogen emitters*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 133.
1400. (1215) Popović, L. Č.: 2000, *Emisione linije sa dva pika u spektrima aktivnih galaktičkih jezgara*, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zajecar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 113.
- 2000**
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
1401. (1216) Popović, L. Č., Dimitrijević, M. S.: 2000, *Stark broadening parameters for spectral lines of singly-, doubly- and triply-charged vanadium ions*, Physica Scripta, **61**, 192.
- 1998**
- Popović, L. Č., Dimitrijević, M. S.: 1998, Serb. Astron. J., **157**, 109.
1402. (1217) Popović, L. Č., Dimitrijević, M. S.: 2000, *Stark broadening parameter tables for Kr II lines*, Serb. Astron. J., **161**, 89.
1403. (1218) Popović, L. Č., Mediavilla, E. G., Pavlović, R.: 2000, *Can double-peaked lines indicate merging effects in AGNs?*, Serbian Astronomical Journal, **162**, 1.
1404. (1219) Popović, L. Č., Milovanović, N., Dimitrijević, M. S.: 2000, *The importance of electron-impact broadening in hot star atmospheres: The case of Zr II and Zr III lines*, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 99 (179).
1405. (1220) Popović, L. Č., Richter, G., Boehm, P.: 2000, *The Nature of Double-Peaked Lines in Sy 1 and Quasars*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 87.

1406. (1221) Purić, J., Šćepanović, M.: 2000, *Zavisnosti Štarkovih parametara unutar sličnih spektralnih prelaza*, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 667.
1407. (1222) Savić, I.: 2000, *Asimetrija vodonikove H beta linije emitovane iz plazme*, Magistarski rad, Fizički fakultet, Beograd.
1408. (1223) Savić, I., Djurović, S., Vujičić, B., Kobilarov, R.: 2000, *The asymmetry of the Balmer H beta line profile*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 309.
- 2000
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
1409. (1224) Savić, I., Djurović, S., Vujičić, B., Kobilarov, R.: 2000, *Experimental determination of the H beta line asymmetry parameter*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 313.
1410. (1225) Savić, I., Djurović, S., Vujičić, B., Kobilarov, R.: 2000, *Determination of the Balmer H beta line asymmetry parameter*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, 68, 143.
- 2000
- Savić, I.: 2000, Magistarski rad, Fizički fakultet, Beograd.
1411. (1226) Simić, S., Milovanović, N., Dimitrijević, M. S., Popović, L. Č.: 2000, *The electron-impact effect in hot stellar atmospheres: Nd II lines*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 489.

1412. (1227) Srećković, A., Djeniže, S.: 2000, Štarkova širina Pašen-alpha (P_{alpha}) linije iz spektra jonizovanog helijuma, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 663.
- 2000
- Drinčić, V.: 2000, Magistarski rad, Fizički fakultet, Beograd.
- Milosavljević, V., Djeniže, S.: 2000, Osnovne karakteristike neonove plazme u impulsnom pražnjenju, 10. Kongres fizičara Jugoslavije, Vrnjačka Banja 27-29.3.2000, Zbornik radova, knjiga II, Jugoslovensko društvo fizičara, 655.
1413. (1228) Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Experimental Stark width of the 581.198 nm C IV spectral lines, Proceedings of the second Serbian-Bulgarian Astronomical Meeting, June 23-26, 2000, Zaječar, Serbia, Eds. M. S. Dimitrijević, L. Č. Popović, M. Tsvetkov, Publ. Astron. Obs. Belgrade, **67**, 115.
1414. (1229) Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Stark broadening in the O II $3p(^4D^o)$ - $sd(^4F)$ transition, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 273.
1415. (1230) Srećković, A., Drinčić, V., Bukvić, S., Djeniže, S.: 2000, Stark broadening parameters in C II, C III and C IV spectra, J. Phys. B, **33**, 4873.
1416. (1231) Srećković, A., Drinčić, V., Djeniže, S.: 2000, Stark widths in the C II $3s^2S$ - $3p^2P^o$ transition, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 155.
1417. (1232) Stanich, M. N., Popovich, Ch. L., Bon, E.: 2000, Broad line regions in AGN: The shape of Hydrogen, Mg II and C IV lines, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 110.
1418. (1233) Stanić, N., Popović, L. Č., Kubičela, A., Bon, E.: 2000, The H beta line shape of Akn 120, Serbian Astronomical Journal, **162**, 7.

1419. (1234) Šćepanović, M., Purić, J.: 2000, *Stark widths dependence on the upper level ionisation potential and the rest core charge of the emitter within 3s-3p and 3p-3d transition arrays*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 301.
1420. (1235) Šišović, N. M., Miljević, V. I., Konjević, N.: 2000, *On the excitation of Ar II 476.49 nm and Ar II 487.99 nm spectral lines in coaxial diode glow discharge*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 373.
1421. (1236) Tankosić, D., Dimitrijević, M. S., Popović, L. Č.: 2000, *The electron-impact broadening parameters for Pd II spectral lines*, International Astronomical Union 24th General Assembly, Manchester 7-18 August 2000, Abstract book, 136
1422. (1237) Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 2000, *Stark broadening of heavy element spectral lines in hot stars: Au II, Co II and Ti II*, In: Long and Short Term Variability in Sun's History and Global Change, Ed. Wilfried Schroeder, Interdivisional Commission on History of the IAGA, European Section, Newsletters of the Interd. Comm. History, 39, Science Edition, Bremen-Roennebeck, 242-246.
- 2000
- Vero, J.: 2000, *Book reviews: W. Schroeder, ed. Geomagnetism (Research: Past and Present)*, Acta Geod. Geoph. Hung., 35, 379.
1423. (1238) Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 2000, *Stark broadening of heavy element spectral lines in hot stars: Au II, Co II, Ti II and Co III*, Joint European and National Astronomy Meeting JENAM-2000, 9th European and 5th Euro-Asian Astronomical Society Conference, Moscow, Russia, May 29 - June 3, 2000, Abstracts, European Astronomical Society, Euro-Asian Astronomical Society, 181.

1424. (1239) Tankosić, D., Popović, L. Č., Dimitrijević, M. S.: 2000, *The project for the Stark broadening parameter determination within the modified semiempirical approach: Ag II*, 15th Int. Conference on Spectral Line Shapes, Berlin, 10-14 July 2000, Physikalisch-Technische Bundesanstalt, Braunschweig und Berlin, 32.
1425. (1240) Vince, I., Gopasyuk, O., Gopasyuk, S., Vince, O.: 2000, *The observed Mn I 539.47 nm line profiles in Solar plages*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 507.
1426. (1241) Vujičić, B., Krstić, S., Maksimović, R.: 2000, *The Stark width of the He II Paschen - alpha line*, Proc. 3rd Belarussian-Yugoslav Symposium on Physics and Diagnostics of Laboratory and Astrophysical Plasma (PDP-III'2000), Minsk, September 17-21, 2000, eds. V. S. Burakov, M. S. Dimitrijević, Publ. Astron. Obs. Belgrade, **68**, 41.
1427. (1242) Žikić, R., Gigosos, M. A., Ivković, M., Gonzales, M. A., Konjević, N.: 2000, *Program for electron density determination from the experimental hydrogen H beta line profile*, 20th Summer School and International Symposium on the Physics of Ionized Gases, 20th SPIG, September 4-8, 2000, Zlatibor, Yugoslavia, Contributed Papers and abstracts of invited lectures, topical invited lectures and progress reports, eds. Z. Lj. Petrović, M. M. Kuraica, N. Bibić, G. Malović, Institute of Physics, Faculty of Physics, University of Belgrade, Institute of Nuclear Sciences "Vinča", Belgrade, Yugoslavia, 317.