

Срђан Самуровић – Листа радова

Објављени радови

1. Popović, L.Č, Vince, I. Kubičela, A., Atanacković-Vukmanović, O. and Samurović, S.: 1994, “Contribution of Gravitational Redshift to Spectral Line Profiles of AGN: the Case of Lorentzian Profile”, *Bulletin Astronomique de Belgrade*, **149**, 9.
2. Samurović, S. and Čelebonović, V.: 1995, “A Note on the Neutrino Decay Line and the Possibilities of Its Detection” in *Proceedings of the First Yugoslav Conference on the Spectral Line Shapes*, Publ. Astron. Obs. Belgrade, **50**, 121 [Los Alamos preprint astro-ph/9512029].
3. Samurović, S. and Čelebonović: 1996, “Massive Neutrinos and the Problem of the Dark Matter in the Spiral Galaxies” in *Proceedings of the XI National Conference of Yugoslav Astronomers*, Publ. Astron. Obs. Belgrade, **54**, 96 [Los Alamos preprint astro-ph/9708078].
4. Čelebonović, V., Samurović, S. and Ćirković, M.M.: 1997, “Distortion of the CMBR Spectrum: A Tentative Explanation” in *Proceedings of the Second Yugoslav Conference on the Spectral Line Shapes*, Publ. Astron. Obs. Belgrade, **57**, 105 [Los Alamos preprint astro-ph/9708078].
5. Ćirković, M.M., Samurović, S., Ilić, D. and Petrović, J.: 1997, “On the Total Absorption Cross-section of galaxies”, *Bulletin Astronomique de Belgrade*, **156**, 37 [Los Alamos preprint astro-ph/9711078].
6. Samurović, S., Milošević-Zdjelar, V., Ćirković, M.M. and Čelebonović, V.: 1998, “A Note on the Milky Way as a Barred galaxy” in *Proceedings of the Fourth Yugoslav-Romanian Astronomical Meeting*, Publ. Astron. Obs. Belgrade, **60**, 74 [Los Alamos preprint astro-ph/9804223].
7. Ćirković, M.M. and Samurović, S.: 1998, “On the Possible Observations of Intergalactic or Halo Clouds in Optical Emission”, *Astrophysics and Space Science*, **257**, 95.
9. Samurović, S., Ćirković, M.M., Milošević-Zdjelar, V. and Petrović, J.: 1998, “On the Ionizing Sources in Spiral Galaxies: I. From Central Regions to Thick Disk and Disk-Halo Connection”, *19th SPIG, Contributed Papers & Abstracts of Invited Lectures, Topical Invited Lectures and Progress Reports*, 635 [Los Alamos preprint astro-ph/9808063].
10. Ćirković, M.M., Samurović, S. and Bland-Hawthorn, J.: 1998, “Detection of Recombining Galactic Haloes Out to $z \sim 1$ ”, *19th SPIG, Contributed Papers & Abstracts of Invited Lectures, Topical Invited Lectures and Progress Reports*, 631 [Los Alamos preprint astro-ph/9808063].
11. Milošević-Zdjelar, V., Samurović, S. and Ćirković, M.M.: 1998, “On the Ionizing Sources in Spiral Galaxies. II. The Center of the Milky Way.” in *Proceedings of the 2nd Yugoslav – Belarussian Symposium on Physics & Diagnostics of Laboratory & Astrophysical Plasmas*, *Publ. Astron. Obs. Belgrade*, **50**, 121 [Los Alamos preprint astro-ph/9808064].

12. Ćirković, M.M. and Samurović, S.: 1998, "On the Total Absorption Cross-Section of Galaxies. II. The Case of Λ Cosmologies and Covering Factor Variation", *Serbian Astronomical Journal*, **158**, 3.
13. Samurović, S. and Ćirković, M.M.: 1999, "Ly α Forest and the Total Absorption of Galaxies – an Example of the NTT SUSI Deep Field", contribution to the International Meeting "Observational Cosmology: the Development of Galaxy Systems", Sesto Pusteria, June 30 – July 3, 1998 in *Proceedings of International Meeting on "Observational Cosmology: the Development of Galaxy Systems"*, eds. G. Giuricin, M. Mezzetti and P. Salucci, Astronomical Society of Pacific, (1999) 487, [Los Alamos preprint astro-ph/9810103].
14. Ćirković, M.M., Bland-Hawthorn, J. and Samurović, S.: 1999, "Towards a Direct Detection of Warm Gas in Galactic Haloes at Cosmological Distances", *Monthly Notices of the Royal Astronomical Society*, **306**, L15, [Los Alamos preprint astro-ph/9903325].
15. Samurović, S., Ćirković, M.M. and Milošević-Zdjelar, V.: 1999, "Flattened Galactic Haloes and Baryonic Dark Matter", *Monthly Notices of the Royal Astronomical Society*, **309**, 63 [Los Alamos preprint astro-ph/9907165].
16. Milošević-Zdjelar, V., Samurović, S. and Ćirković, M.M.: 1999, "Belgrade-MACHO Project: First Year's Results", *XII Yugoslav National Conference, Publ. Astron. Obs. Belgrade*, **65**, 85.
17. Stanić, N., Ćirković, M.M. and Samurović, S.: 1999, "QSO Environment and Associated Damped Ly α Galaxies", *XII Yugoslav National Conference, Publ. Astron. Obs. Belgrade*, **65**, 105.
18. Ćirković, M.M. and Samurović, S.: 2000, "Column Density Distribution of Galactic Ly α Absorption Systems", *Astrophysics and Space Science*, **271**, 91.

Радови у штампи

1. Samurović, S. and Ćirković, M.M.: 2000, "Massive neutrino decay and shape of the Galactic dark halo", *Journal of Research in Physics*, у штампи, [Los Alamos preprint astro-ph/9907142].
2. Ćirković, M.M., Samurović, S. and Milošević-Zdjelar, V.: 2000, "Microlensing Results and Removing the Baryonic Degeneracy", contribution to the conference *Gravitational Lensing: Recent Progress and Future Goals* held from 25 July to 30 July, 1999, at George Sherman Union Building, Boston University, у штампи [Los Alamos preprint astro-ph/9909238].
3. Milošević-Zdjelar, V., Samurović, S. and Ćirković, M.M.: 2000, "Microlensing, flattening, Ω_B and h : from assumptions, via data to tentative conclusions", contribution to the conference *Gravitational Lensing: Recent Progress and Future Goals*, у штампи [Los Alamos preprint astro-ph/9909240].
4. Giuricin, G., Samurović, S., Girardi, M., Mezzetti, M. & Marinoni, C.: 2000, "Clustering of Galaxies and Groups in the NOG Sample", *Constructing the Universe with Clusters of Galaxies*, Paris, France, 4 - 8 July 2000, IAP, eds. F. Durret & D. Gerbal.

Радови предати за штампу

1. Ćirković, M.M., Samurović, S. and Djorić, A.: 2000, “Cooling Radius vs. Absorption Size of Galaxies”, *Astrophysics and Space Science*.
2. Giuricin, G., Samurović, S., Girardi, M., Mezzetti & M. Marinoni, C.: 2000, “The Redshift-Space Two-Point Correlation Functions of Galaxies and Groups in the The Nearby Optical Galaxy Sample”.