Happy Birthday Dear Mirjana!

Best Wishes from Grenoble, Moscow, and from all friends came to the conference in Dubrovnik in September 2016!

Mirjana Vuković with friends in Dubrovnik, September 2016
1st row: from left to right: Academician S. Pilipović, Professor A. Pantchishkin, Professor S. Bôcherer, M. Vuković, corresponding member of ANUBiH, Professor V. Dlab, F.R.S.C., Professor M. Džamonja, and 2nd row: Professor D. Pagon, Assist. Professor E. Ilić-Georgijević

In 2000-2001 Mirjana Vuković effected an important scientific visit to the *Fourier Institut* (France) supported by a regional cooperation program *Rhône-Alpes* (TEMPRA-PECO), together with Professors A.N.Andrianov (from Sankt-Petersburg, Russia), and Siegfried Boecherer (Mannheim, Germany).

Mirjana Vuković prepared and presented in the *Seminar of Number Theory of the Fourier Institute* the work *Structures graduées et paragraduées*, see [Vu] developping vastly the ideas of Marc Krasner ([Kr44]-[KrVu87]).

References

[KrVu87] KRASNER, M., VUKOVIĆ, M., *Structures paragraduées (groupes, anneaux, modules)*, Queen's Papers in Pure and Applied Mathematics, No. 77, Queen's University, Kingston, Ontario, Canada, 1987, pp. 163.

[Vu] VUKOVIĆ, M., *Structures graduées et paragraduées.* Prepublication de l'Institut Fourier, Université de Grenoble I, No. 536 (2001), 1-40.

[Kr44] KRASNER, M., *Une généralisation de la notion de corps-corpoïde. Un corpoïde remarquable de la théorie des corps valués*, C. R. Acad. Sci., Paris 219 (1944), 345-347.

Mirjana's scientific interest is focused on several important and modern fields of mathematics, such as Fourier Analysis, Summability Theory, Karamata's Theory and Functional Analysis, but her papers in Algebra are the crown of her scientific work.

Some of the most important papers of Mirjana Vuković in Algebra

[1] M. Krasner, **M. Vuković**: *Structures paragraduées (groupes, anneaux, modules)*,[1] *(scientific monograph)* Queen's Papers in Pure and Applied Mathematics, Queen's University, ONT, Canada, No. 77 (1987), viii +163 pp.

[2] **M. Vuković**: *Structures graduées et paragraduées*, Prépublication de l'Institut Fourier, Université de Grenoble I (CNRS), No. 536, (2001), 1–40.

[3] M. Krasner, **M. Vuković**: *Structures paragraduées (groupes, anneaux, modules)* **I**, Proc. Japan Acad. 62, Ser. A, No. 9 (1986), 350 –352.

[4] M. Krasner, **M. Vuković**: *Structures paragraduées (groupes, anneaux, modules)* **II**, Proc. Japan Acad. 62, Ser. A, No. 10 (1986), 389 –391.

[5] M. Krasner, **M. Vuković**: *Structures paragraduées (groupes, anneaux, modules)* **III**, Proc. Japan Acad. 63, Ser. A, No. 1 (1987), 10 –12;

[6] **M. Vuković**, E. Ilić-Georgijević: *Paragraded rings and their ideals*, Journal of Math. Sci., Vol 191, Issue 5, pp. 654-660 (2013) (Translated from Fundam. i Priklad. Mat., Vol 17, No. 4, pp. 83-93, 2011/12).

[7] **M. Vuković**, E. Ilić-Georgijević: *Primary decomposition of general graded structures*. Bul. Acad. de Ştiinţe a Republicii Moldova. Matematica, 1, 77, (2015), 87-96.

[8] E. Ilić-Georgijević, **M. Vuković**: *The Wedderburn-Artin Theorem for Paragraded Rings*, Journal Mat. Sci., 2017, Vol. 221, No. 3, pp. 391-400 (Translated from Fundam. i Priklad. Matemat., 2014, tom 19, No. 6, 125-139.

[9] E. Ilić-Georgijević, **M. Vuković**: *A Note on Radicals of Paragraded Rings*, Sarajevo J. Math., Vol. 12 (25), No. 2, Suppl. (2016), pp. 307-316.

[10] **M. Vuković**, E. Ilić-Georgijević: *A Note on General Radicals of Paragraded Rings*, Sarajevo J. Math., Vol. 12 (25), No. 2, Suppl. (2016), pp. 317-324.

Virtual International Authority File: VIAF ID: 40961814 (Personal),
ISNI: 0000 0000 7401 2611, Permalink: http://viaf.org/viaf/40961814

SUDOC: 176341250; BNF: cb125986296; MGP: 159055; IdRef. 176341250; DNB: 177864095; NLD: NTA-133232034; USA: LC-n88662504; CAN: LAC - 0060G9629; WorldCat 870640200; RUS: Math-Net Ru person 75666; JPN: CiNii-ID: DA01996367; AU 00087077; OL ID 17925698M

[1] "*The level of generality of this work is dazzling, but it is not yet clear, how important the ideas that it exposes become*", R. Pierce [MR 89c: 13001].