Associate Professor István Huba Atilla SASS at his 60th anniversary

GHEORGHE ARDELEAN

Associate Professor István Huba Atilla Sass was born on April 3, 1945, in Valea lui Mihai, Bihor county, Romania. He followed the Primary School in his village and then he graduated at "Nicolae Balcescu" High School, Călăraşi in 1964. Between 1964-1969 he attended the courses of the Faculty of Mathematics and Mechanics of the University of Bucharest, and he got his license in Astronomy.

In 1986 he obtained his Ph. D. degree in astronomy, the doctoral thesis having the title *Stadii târzii în evoluţia stelelor* (Late Stages in Stellar Evolution) under the guidance of Prof. Dr. Arpád Pál from the University Babeş-Bolyai of Cluj Napoca.

Since 1998 is Associate Professor at the Department of Mathematics and Computer Science from the Faculty of Science of the North University of Baia Mare, Romania.

He is a member of the Editorial Board of the journals: Carpathian Journal of Mathematics and Creative Mathematics, edited by Department of Mathematics and Computer Science.

His speciality domains are general relativity:

1. Classes of solutions, special algebraic solutions, symmetric metrics (83 C 20);

2. Black holes (85 A 57) Astronomy and astrophysics: galactic and star structures (85 A 15); Sky mechanics (70 F 15).

He is married and has a sun and a daughter.

One of his hobbies is wine-grower.

Didactic experience

1.09.1969 - 23.09.1969, teacher of mathematics at Şcoala generală Nr. 13 Baia Mare;

23.09.1969 - 1.11.1971, teacher of mathematics at Liceul Gh. Sincai Baia Mare;

1.11.1971 - 31.08.1972, teacher of mathematics at Liceul Economic Baia Mare;

31.08.1972 - 31.08.1974, teacher of mathematics at Centrul Şcolar de Construcţii şi Arhitectură Baia Mare;

19.1974 - 1.10.1998, teacher of mathematics at Liceul de Electrotehică Baia Mare (now Liceul Gheorghe Barițiu).

Between 1998-2003 lecturer at North University of Baia Mare.

From 2003 he is Associate Professor at the Department of Mathematics and Computer Science from the Faculty of Science of the North University of Baia Mare.

He was a good supervisor for a lot of students to elaborate their works for the licence exam.

He guided too, many professors to obtain their didactic degree.

Administration experience

1982-1998, the Chief of Department of Mathematics at Grupul Şcolar de Poştă şi Telecomunicaţii Baia Mare.

Since 2000 - Scientific Secretary of Department of Mathematics and Computer Science, Faculty of Science, North University of Baia Mare.

PUBLISHED PAPERS

1. BOOKS

1. *Late Stages in stellar Evolution*, Ed. Monographical Booklets in Applied and Computer Mathematics, PAMM- BUTE, Budapesta, 2002.
2. *Astronomie şi astrofizică ştiinţe ale universului*, Ed. Risoprint, Cluj-Napoca, 2002.

2. ARTICLES

1. *Late Stages in stellar Evolution*, Ed. Budapest University of Technology and Economics (BUTE), 2002, Budapesta, 224 pp., ISSN 1417 278
2. *Astronomie si astrofizica stiinte ale Universului*, Editura Risoprint, Cluj-Napoca, ISBN 973-656-329-4, 2002, 340 pp.
3. *The Space - time Metrics and the Quadrivelocity inside a rotating relativiste Body*, 1985, Univ. of Cluj-Napoca, Fac. Math. Res. Seminaries, Preprint 2, 89-104
4. *The shape of the relativistic Bodies in rigid stationary Rotation*, 1985, Univ. of Cluj-Napoca, Fac. Math. Rev. Seminaries, Preprint 2, 137-157
5. *The trajectory of the photon in the neighborhood of a magnetized spherical body* (with Ureche V.), Babeş-Bolyai, Univ. Fac. Math. Res. Seminaries, 1986, 6, Cluj-Napoca, 27-34
6. *Acceleration expressions in some relativistic metrics*, Babes-Bolyai, Univ. Fac. Math. Res. Seminaries, Year 12, 1990, No. 2, 4, 78-81
7. *The relativist Expression of the gravitational potential for a material point, deduced from the metrics of the space-time univers*, Bulletins for Applied & Computer Mathematics BAM-1701/1999, XC B, Budapest, Interuniversity Network in Central European, 159-162
8. *The relativist expression of the gravitational potential for a material point with electrical change*, Bulletins for Applied & Computer Mathematics BAM- 1702, 1999, XCB, Budapesta, Interuniversity Network in Central European, 165-167
9. *One possible interpretation of a space - time metrics reduction in the case of rotation to canonical form*, Bulletins for Applied & Computer Mathematics BAM-1929/2001, XCVI-C, Budapest, Interuniversity Network in Central European, 385-392

10. *One possible interpretation of a space-time metrics reduction in the radical move case to canonical form*, Bulletins for Applied & Computer Mathematics BAM-1930/2001, XCVI-C, Budapest, Interuniversity Network in Central European, 393-398

11. *The Connection between the Relativistic Ecuation of the hydrostatical Balance and the u0 Component of the space-time Quadrivelocity*, Bul. Ştiinţ. Univ. Baia Mare, seria B, Matematica-Informatica, **XIC** (1998), nr. 1, 15-20

12. *The trajectory of the photon next to a spherical body*, Bul. Ştiinţ. Univ. Baia Mare, ser. B, Matematică-Informatică, nr. 2, **XVI** (2000), 255-260

13. *The trajectory of the equatorial Plane of a rotating Body*, Bul. Ştiinţ. Univ. Baia Mare, ser. B, Matematică-Informatică, nr. 2, **XVI** (2000), 261-264

14. *Asupra predării axiomelor de geometrie în clasa a IX-a*, Lucr. Semin. Creativ. Mat., **10** (2001), 201-206

15. *The virtual shape of spherical body moving along Ox-axis with a radial velocity V*, Carpathian J. of Math., **19** (2003), No. 2, 135-140

DEPARTMENT OF MATHEMATICS AND
COMPUTER SCIENCE
NORTH UNIVERSITY OF BAIA MARE
VICTORIEI 76, 430122 BAIA MARE, ROMANIA
E-mail address: ardelean_g@yahoo.com