



Veniamin V. Vityazev

April 15, 1943 – July 15, 2018

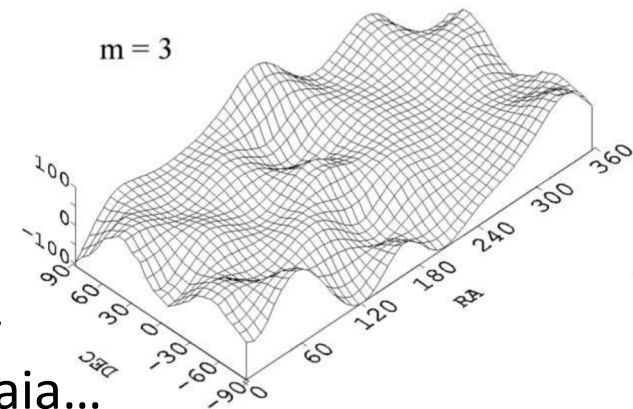
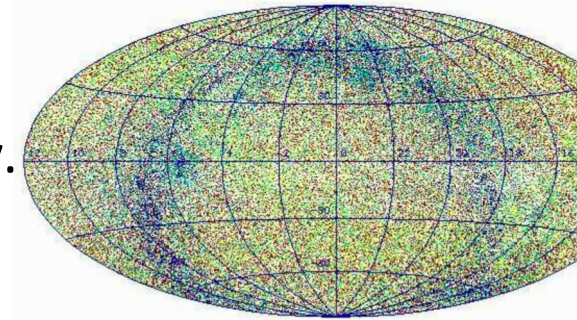
Short biography

- 1943: born in Armenia
- 1967: graduated from
the Astronomical Department of
St.Petersburg State University
(SPbSU)
- 1970: received PhD in astrophysics from SPbSU,
“On the expansion of planetary nebulae”
- 1974–1980: Chair of Algebra and Analysis, Kalmyk State University
- 1980: returned to the Astronomical Department of SPbSU
- 1983–2018: Chair of Astronomy, SPbSU
- 1994–2007: Director of the Sobolev Astronomical Institute, SPbSU



Teacher and Scientist

- 136 publications: astrophysics, astrometry, history of astronomy
- Provided highest-quality general astrometric education for all astronomers graduated from the St.Petersburg State University between 1982 and 2018: **about 600 people.**
- Educated **more than 100 specialists in astrometry.**
- Already at the end of the 1980s introduced concepts of general-relativistic foundations of astrometry and advanced mathematical methods of analysis of astrometric catalogues and data into his general course of astrometry...



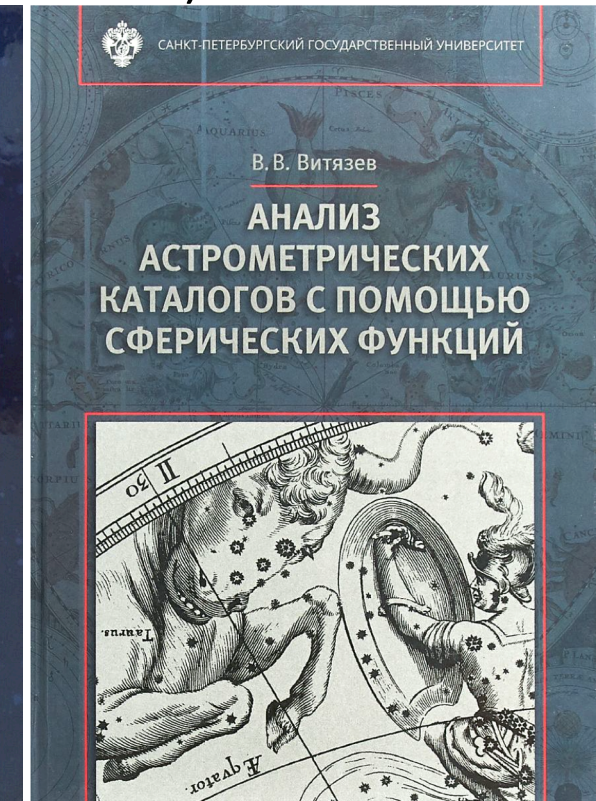
Many of his ideas find their full-scale use now – in the era of huge astrometric catalogues like Gaia...

Teacher and Scientist

Author of several special lecture courses and monographs devoted to various aspects of astrometric data processing:

- Spectral and correlational analysis of homogeneous time series, 2001
- Analysis of inhomogeneous time series, 2001
- Wavelet analysis of time series, 2001
- Celestial and terrestrial coordinates, 2011 (with co-authors)
- Analysis of stellar catalogues using spherical functions, 2017 (two editions since then!)

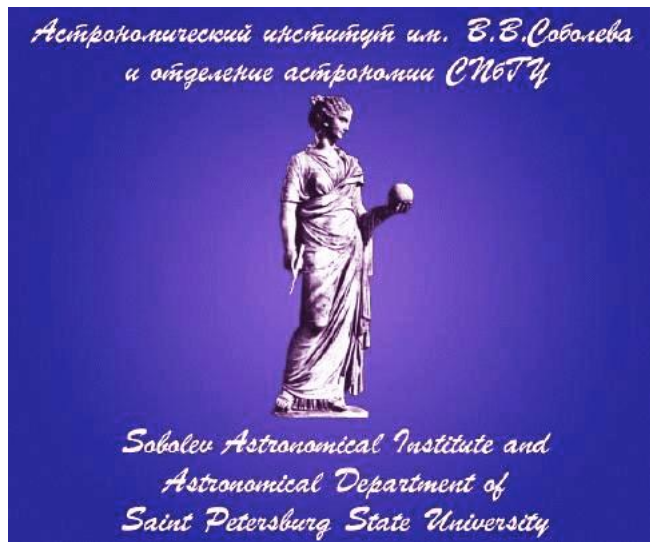
The book made it to the official list of the best achievements of Astronomy in Russia in 2017.



Colleague

In the chaotic times of the disastrous economical situation in Russia of the 1990s he served as director of the Sobolev Astronomical Institute of St. Petersburg State University. Prof. Vityazev managed to retain the vast majority of the scientific personnel in Astronomy.

In recognition of this difficult work he has received important state decorations of Russian Federation. In particular, two Medals of the Order "For Merit to the Fatherland":
II degree (1999) and I degree (2014)



Human being

- A passionate amateur musician who played piano at virtually the professional level.



- His series of musical concerts at the Astronomical Department of the University was a long and great tradition and an important ingredient of the team spirit of the local astronomical community.
- Active investigator of astronomy-related parts of music and painting: e.g. re-discovered and actively promoted music of William Herschel.



Veniamin V. Vityazev

April 15, 1943 – July 15, 2018