

University of Groningen

Scalable analysis and visualization of high-dimensional astronomical data sets

Ferdosi, Bilkis Jamal

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2011

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Ferdosi, B. J. (2011). *Scalable analysis and visualization of high-dimensional astronomical data sets*. s.n.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Publications

Papers in scientific journals

Bilkis J. Ferdosi and Jos B. T. M. Roerdink. “Visualizing high-dimensional structures by dimension ordering and filtering using subspace analysis”, **Computer Graphics Forum**, 2011. To appear.

B. J. Ferdosi, H. Buddelmeijer, S. Trager, M. H. F. Wilkinson, and J. B. T. M. Roerdink. “Finding and Visualizing Relevant Subspaces for Clustering High-Dimensional Data Using Connected Morphological Operators”. Invited paper in the journal **Information Visualization**. Submitted.

Bilkis J. Ferdosi, H. Buddelmeijer, S. Trager, M. H. F. Wilkinson, and Jos B. T. M. Roerdink. “Comparison of Density Estimation Methods for Astronomical Datasets”. **Astronomy & Astrophysics**. To appear.

Full papers in conference proceedings

B. J. Ferdosi, H. Buddelmeijer, S. Trager, M. H. F. Wilkinson, and J. B. T. M. Roerdink. “Finding and visualizing relevant subspaces for clustering high-dimensional astronomical data using connected morphological operators”. **IEEE Conference on Visual Analytics Science and Technology (IEEE VAST)**. Saltlake city, USA, :35-42, October 2010. <http://dx.doi.org/10.1109/VAST.2010.5652450>

Other publications

B. J. Ferdosi, H. Buddelmeijer, A. Helmi, S. C. Trager, E. A. Valentijn, M. H. F. Wilkinson, J. M. van der Hulst, and J. B. T. M. Roerdink, “Comparison of Density Estimation Methods for Astronomical Datasets”, *SIREN: Scientific ICT Research Event Netherlands*, November 5, 2009, Twente (poster).

B. J. Ferdosi, H. Buddelmeijer, A. Helmi, S. C. Trager, E. A. Valentijn, M. H. F. Wilkinson, J. M. van der Hulst, and J. B. T. M. Roerdink, “Visualizing Astronomical Data”, *SIREN: Scientific ICT Research Event Netherlands*, September 29, 2008, Amsterdam, (poster).

B . J. Ferdosi, H. Buddelmeijer, A. Helmi, S. C. Trager, E. A. Valentijn, M. H. F. Wilkinson, J. M. van der Hulst, and J. B. T. M. Roerdink, “Visualization of Very Large High-Dimensional Astronomical Data Sets”, *SIREN: Scientific ICT Research Event Netherlands*, 30 October 2007, Delft, (poster).