This contains a list of my refereed publications. It also includes problem solutions; student theses; unpublished techreports. A complete (gzipped) bib file can be obtained with URL http://orion.math.uwaterloo.ca:80/~hwolkowi/henry/reports/publs.bib.gz

The order of the list is:

1. Books and special issues first.
2. Chapters in Books second
3. Papers in refereed Journals third
4. Papers in refereed Conference Proceedings fourth
5. Technical Reports fifth
6. Theses (including students’ theses) sixth

References


[64] T.K. Pong, H. Sun, N. Wang, and H. Wolkowicz. Eigenvalue, quadratic
programming, and semidefinite programming relaxations for a cut mini-

[65] D. Drusvyatskiy, N. Krislock, Y-L. Cheung Voronin, and H. Wolkow-
icz. Noisy Euclidean distance realization: robust facial reduction and


applications. Technical report, University of Waterloo, 2013. 7 pages,

[68] M-H. Lin and H. Wolkowicz. Hiroshima’s theorem and matrix norm in-

[69] B. Alipanahi, N. Krislock, A. Ghodsi, and H. Wolkowicz. Large-scale man-
ifold learning by semidefinite facial reduction. Technical report, University

[70] B. Alipanahi, N. Krislock, A. Ghodsi, H. Wolkowicz, L. Donaldson, and
M. Li. Protein structure by semidefinite facial reduction. In Benny Chor,
editor, Research in Computational Molecular Biology, volume 7262 of Le-
cure Notes in Computer Science, pages 1–11. Springer Berlin / Heidelberg,
2012.

[71] B. Alipanahi, N. Krislock, A. Ghodsi, H. Wolkowicz, L. Donaldson, and
M. Li. Determining protein structures from NOESY distance constraints

[72] B. Alipanahi, N. Krislock, A. Ghodsi, H. Wolkowicz, L. Donaldson, and
M. Li. Protein structure by semidefinite facial reduction. In URL:
recomb2012.crg.cat, Waterloo, Ontario, 2012. poster session at RE-
COMB2012.

positive semidefinite block matrices. Linear Multilinear Algebra, 60(11-

[74] David H. Bailey, Heinz H. Bauschke, Peter Borwein, Frank Garvan, Michel
Théra, Jon D. Vanderwerff, and Henry Wolkowicz, editors. Computational
and analytical mathematics, volume 50 of Springer Proceedings in Math-
Borwein’s 60th birthday, Papers from the workshop (JonFest) held at Si-
mon Fraser University, Burnaby, BC, May 16–20, 2011.


