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J. Berkhout and B. F. Heidergott. Efficient algorithm for computing the ergodic projector of Markov multi-chains. *Procedia Computer Science*, 51:1818–1827, 2015

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J. Berkhout and B. F. Heidergott. Analysis of Markov influence graphs. *Submitted for Publication*, 2016

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J. Berkhout and B. F. Heidergott. The Jump Start Power Method: a new approach for computing the ergodic projector of a finite Markov chain. *Submitted for Publication*, 2016

J. Sommer, J. Berkhout, H. Daduna, and B. F. Heidergott. Robust analysis of single server networks with infinite supply and unreliable nodes. *Submitted for Publication*, 2016

Other publications:

J. Berkhout. Onzekerheid die ertoe doet: een aanzet tot integratie van operationele research en econometrie. *SECTOR*, 1:18–20, 2014

J. Berkhout and B. F. Heidergott. Sociale netwerk analyse met Markov ketens. *SECTOR*, 2:31–34, 2016

