Internet Mathematics

Volume 6, Number 2

The Price of Malice:
A Game-Theoretic Framework for Malicious Behavior in Distributed Systems 125
Thomas Moscibroda, Stefan Schmid, and Roger Wattenhofer

On Accelerating the PageRank Computation 157
Steve Osborne, Jorge Rebaza, and Elizabeth Wiggins

Spectral Properties of the Threshold Network Model 173
Yusuke Ide, Norio Konno, and Nobuaki Obata

Random Alpha PageRank 189
Paul G. Constantine and David F. Gleich

Distributing Antidote Using PageRank Vectors 237
Fan Chung, Paul Horn, and Alexander Tsiatas

A K PETERS, LTD.

Vol. 6 No. 2 2009

Internet Mathematics

2009

Internet Mathematics

Editors-in-Chief
Fan Chung Graham
Anthony Bonato

Managing Editors
Xiaotie Deng
Nelly Litvak

Editorial Board
Noga Alon
Albert-László Barabási
Elwyn Berlekamp
Béla Bollobás
Andrei Broder
Jennifer Chayes
Persi Diaconis
Rick Durrett
Ding-Zhu Du
Cynthia Dwork
Alan Frieze
Tim Griffin
Ronald Graham
Monika Henzinger
Frank Kelly
Jon Kleinberg
Tom Leighton
Michael Mitzenmacher
S. Muthu Muthukrishnan
Andrew Odlyzko
Christos Papadimitriou
Prabhakar Raghavan
Peter Sarnak
Joel Spencer
Andrew Tomkins
Walter Willinger
Peter Winkler
Andrew Yao

A K PETERS, LTD.

Vol. 6 No. 2 2009