Contents

Matrix-based Methods for College Football Rankings
Vladimir Boginski, Sergiy Butenko, Panos M. Pardalos ..................... 1

Who’s the Best? Data Envelopment Analysis and Ranking Players in the National Football League
Erickson H. DeOliveira, Robert Callum ........................................ 15

Dynamic Programming and Time Related Strategies in Sports
Harold Sackrowitz ................................................................. 31

Using Statistics to Predict Scores in English Premier League Soccer
John S. Croucher ................................................................. 43

Modelling and Forecasting Match Results in the English Premier League and Football League
Stephen Dobson, John Goddard ................................................. 59

Restructuring the Belgian Professional Football League: A Location-Allocation Solution
Trudo Dejonghe ................................................................. 79

The Best Systems for Appointing Referees
Jaime Gil Lafuente .............................................................. 101

Fashion Accessory, Social Identity or Tribal Uniform?
Nick Wilde ........................................................................... 121

Modeling a Baseball Game to Optimize Pitcher Substitution Strategies using Dynamic Programming
Nobuyoshi Hirotsu, Mike Wright ............................................. 131
Contents

Mega Deal? A Relative Performance Analysis for Major League Baseball Players  
Chii-Dean Lin, Richard A. Levine ................................................. 163

Market Inefficiencies in Player Head to Head Betting on the 2003 Cricket World Cup  
Michael J Bailey, Stephen R Clarke ............................................. 185

Searching for Patterns in Sports Contests  
Tim McGarry ................................................................. 203

Track and Field Performance Data and Prediction Models: Promises and Fallacies  
Yuanlong Liu ................................................................. 225

Using Response Surface Models for Evolutionary Estimation of Optimum Running Times  
Wei-Han Tan ................................................................. 235

Solving Sports Scheduling and Timetabling Problems with Constraint Programming  
Abderrahmane Aggoun, Alkis Vazacopoulos .................................. 243

Collaboration Networks in Sports  
Vladimir Boginski, Sergiy Butenko, Panos M. Pardalos, Oleg Prokopyev 265

The Holdup System for Grouping Minor Hockey Participants Into Age Divisions  
William Hurley ................................................................. 279

Promotion and Relegation in Rent Seeking Contests  
Stefan Szymanski ................................................................. 289
Economics, Management and Optimization in Sports
Butenko, S.; Gil-Lafuente, J.; Pardalos, P. (Eds.)
2004, X, 300 p., Hardcover