

### INVITED PAPER

- 421 Queueing models for the analysis of communication systems**  
Herwig Bruneel, Dieter Fiems, Joris Walraevens, Sabine Wittevrongel
- 449 Comments on: Queueing models for the analysis of communication systems**  
Onno Boxma
- 454 Comments on: Queueing models for the analysis of communication systems**  
Alexander Dudin
- 458 Comments on: Queueing models for the analysis of communication systems**  
Harry G. Perros
- 460 Rejoinder on: Queueing models for the analysis of communication systems**  
Herwig Bruneel, Dieter Fiems, Joris Walraevens, Sabine Wittevrongel

### ORIGINAL PAPERS

- 469 Strategic interactions in service supply chain with horizontal competition**  
X. T. Tang, S. J. Fang, F. Cheng
- 489 A rich vehicle routing problem dealing with perishable food: a case study**  
Pedro Amorim, Sophie N. Parragh, Fabrício Sperandio, Bernardo Almada-Lobo
- 509 A  $G/M/1$  retrial queue with constant retrial rate**  
Chesoong Kim, Valentina Klimenok, Alexander Dudin
- 530 An enumerative algorithm for computing all possibly optimal solutions to an interval LP**  
Carla Oliveira, Carlos Henggeler Antunes, Carlos Barrico
- 543 Best proximity point theorems: unriddling a special nonlinear programming problem**  
S. Sadiq Basha
- 554 Viscosity iterative scheme for generalized mixed equilibrium problems and nonexpansive semigroups**  
Mohammad Eslamian, Ali Abkar

- 571 A note on potential approach under interval games**  
Yan-An Hwang, Wei-Yuan Yang
- 578 The reverse self-dual serial cost-sharing rule**  
M. Josune Albizuri, Henar Díez, Amaia de Sarachu
- 600 Design method using hybrid of line-type and circular-type routes for transit network system optimization**  
Yiyo Kuo
- 614 On the complexity of the  $(r|p)$ -centroid problem in the plane**  
Ivan Davydov, Yury Kochetov, Alexandr Plyasunov
- 624 One-way flow network formation under constraints**  
Norma Olaizola, Federico Valenciano
- 644 On the availability of a warm standby system: a numerical approach**  
Edmond J. Vanderperre, Stanislav S. Makhanov
- 658 A generating functions approach for computing the Public Good index efficiently**  
Michela Chessa
- 674 Some general properties for the newsboy problem with an extraordinary order**  
V. Pando, L. A. San-José, J. García-Laguna, J. Sicilia
- 694 Equilibrium and optimal behavior of customers in Markovian queues with multiple working vacations**  
Wei Sun, Shiyong Li
- 716 Centers of sets with symmetry or cyclicity properties**  
Alberto Seeger, Mounir Torki
- 739 Preference intensity and cardinality**  
José Manuel Gutiérrez
- 749 Axiomatic of the Shapley value of a game with a priori unions**  
J. M. Alonso-Meijide, B. Casas-Méndez, A. M. González-Rueda, S. Lorenzo-Freire
- 771 On some characterizations of preinvex fuzzy mappings**  
A. Rufián-Lizana, Y. Chalco-Cano, G. Ruiz-Garzón, H. Román-Flores

Volume 22  
Number 2  
July 2014

# TOP

An Official Journal of the Spanish Society of  
Statistics and Operations Research

**784** **Triple-consistent social choice and the majority rule**  
Gilbert Laffond, Jean Lainé

**800** **Bargaining and membership**  
María Gómez-Rúa, Juan Vidal-Puga