

Contents

Annales du LAMSADE N°4-5

Collection Cahiers et Documents	<i>I</i>
Foreword	<i>II</i>
COMBINATORIAL OPTIMIZATION – THEORETICAL COMPUTER SCIENCE: INTERFACES AND PERSPECTIVES	
M. A. Aloulou, F. Della Croce	
<i>On the complexity of single machine scheduling problems under scenario-based Uncertainty</i>	<i>1</i>
E. Angel, E. Bampis, L. Gourvès, J. Monnot	
<i>(Non)-Approximability for the multi-criteria TSP (1, 2)</i>	<i>15</i>
G. Ausiello, A. Giannakos, V. Th. Paschos	
<i>Greedy algorithms for on-line set-covering.....</i>	<i>37</i>
B. Bérard, F. Cassez, S. Haddad, D. Lime, O. H. Roux	
<i>Comparison of Expressiveness for Timed Automata and Time Petri Nets.....</i>	<i>55</i>
G. Carello, F. Della Croce, A. Gross, M. Locatelli	
<i>The maximum node clustering problem</i>	<i>107</i>
Y. Chevaleyre	
<i>Le problème multi-agents de la patrouille</i>	<i>121</i>
Y. Chevaleyre, U. Endriss, N. Maudet	
<i>Restricted Classes of Utility Functions for Simple Negotiation Schemes: Sufficiency, Necessity and Maximality</i>	<i>145</i>
F. Della Croce, M. J. Kaminski, V. Th. Paschos	
<i>An exact algorithm for MAX-CUT in sparse graphs.....</i>	<i>167</i>
F. Della Croce, V. Th. Paschos	
<i>Exploiting dominance conditions for computing worst-case time upper bounds in bounded combinatorial optimization problems: application to MIN SET COVERING and MAX CUT</i>	<i>177</i>
M. Demange, T. Ekim, D. de Werra	
<i>On the approximation of Min Split-coloring and Min Cocoloring</i>	<i>213</i>

M. Demange, B. Escoffier, J. Monnot, V. Th. Paschos, D. de Werra,	
<i>Weighted coloring on planar, bipartite and split graphs: complexity and approximation</i>	231
B. Escoffier, P. L. Hammer	
<i>Approximation of the Quadratic Set Covering Problem</i>	257
B. Escoffier, J. Monnot, V. Th. Paschos	
<i>Weighted coloring: further complexity and approximability results</i>	271
V. Gabrel	
<i>An extensive comparison of 0-1 linear programs for the daily satellite mission planning</i>	283
V. Gabrel	
<i>Dantzig-Wolfe decomposition for linearly constrained stable set problem</i>	295
M. Koskas	
<i>Shortest Paths In Unweighed Graphs</i>	307
M. Koskas, C. Murat	
<i>Flows!</i>	333
J. Monnot	
<i>The Labeled perfect matching in bipartite graphs</i>	357
J. Monnot, S. Toulouse	
<i>Approximation results for the weighted P_4 partition problems</i>	371
O. Pottié	
<i>Etude des Equilibres de Nash, Jeux de Potentiel et Jeux de Congestion</i>	387
D. Quadri, E. Soutif, P. Tolla	
<i>Programmation Quadratique en Entiers : Un majorant pour le multi-sac-à-dos quadratique séparable entier</i>	411