Contents

Preface: operations research in neuroscience II
R.A. Tikidji-Hamburyan · E. Kropat · G.-W. Weber 1

ORIGINAL PAPERS

HNCcorr: combinatorial optimization for neuron identification
R. Asín Achá · D.S. Hochbaum · Q. Spaen 5

Operations research methods for estimating the population size of neuron types
S.M. Attiti · S.T. Mackesey · G.A. Ascoli 33

Comprehensive analysis of gradient-based hyperparameter optimization algorithms
O.Y. Bakhteev · V.V. Strijov 51

Neuroscience experiment applied to investigate decision-maker behavior in the tradeoff elicitation procedure
L.R.P. Roselli · L.S. Pereira · A.L.C.L. da Silva · A.T. de Almeida · D.C. Morais · A.P.C.S. Costa 67

Centroid based tree-structured data clustering using vertex/edge overlap and graph edit distance
D. Dinier · M.K. Tural · N.E. Ozdemirel 85

Designing an efficient blood supply chain network in crisis: neural learning, optimization and case study
S. Khalilpourazari · S. Soltanzadeh · G.-W. Weber · S.K. Roy 123

Further articles can be found at link.springer.com


Instructions for Authors for Annals of Operations Research can be found at http://www.springer.com/10479