Gravity Optimizer: a Kinematic Approach on Optimization in Deep Learning

Dariush Bahrami 1; Sadegh Pouriyan Zadeh 2

¹ Faculty of New Sciences & Technologies, University of Tehran, Tehran, Iran

 $^2\,\mathrm{Faculty}$ of New Sciences & Technologies, University of Tehran, Tehran, Iran

Email: spouriyanz@ut.ac.ir

Corresponding Author:

Dariush Bahrami

Faculty of New Sciences & Technologies

University of Tehran

Tehran

Iran

Tel.: +98-910-192-8706

Email: dariush.bahrami@ut.ac.ir

Word Count (excluding abstract and references): 5754

Number of Tables: 5 Number of Figures: 19 Number of References: 42