

# Global best Local Neighborhood in Particle Swarm Optimization in Dynamic Environment

Zalili Musa<sup>1</sup>, Nurul Izzatie Husna Fauzi<sup>1</sup>, Mohd Hafiz Bin Mohd Hassin<sup>1</sup>, Mohd Nizam Mohd Kahar<sup>1</sup>, Junzo Watada<sup>2</sup>

<sup>1</sup>Universiti Malaysia Pahang, Lebuhraya Tun Razak, 26300 Kuantan, Pahang, Malaysia

<sup>2</sup>Universiti Teknologi PETRONAS, Department of Computer and Information Sciences, Ipoh, Malaysia

Corresponding author Email: zalilimusa,@ump.edu.my

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The conventional Particle Swarm Optimization (PSO) still has weaknesses in finding optimal solutions especially in a dynamic environment. Therefore, we proposed a Global best Local Neighborhood in particle swarm optimization in order to solve the optimum solution in a dynamic environment. Based on the experimental results of 50 datasets, show that GbLN-PSO has the ability to find the quality solution in a dynamic environment.

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