Dynamic Hybrid Particle Swarm Optimization For Data Clustering

Dr. G. Malini Devi

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ABOUT THE AUTHOR

Dr. G. Malini Devi Associate Professor, Computer Science& Engineering from G. Narayanamma Institute of Technology and Science (For women), Hyderabad having 21 years of experience published 28 international scopus and SCI journals,12 conferences from various publishers and 3 book chapters. Having professional memberships like IEI, IEAE. Consultancy Activities like Reviewed the web content for the subjects Computer Networks and Software Project Management for Globarena. Received Young Achiever Award on Apr 2018 from Institute for Exploring Advances in Engineering. Invited lecture on "Hybrid Data Clustering for PSO" workshop titled by "Big Data Analytics and Hadoop", being organized by Dept. of CSE. GNITS, Hyderabad. Invited lecture on "Clustering Hands on" workshop titled by "Machine Learning Recent Trends and its Applications" being organized by Dept. of CSE, GNITS, Hyderabad. Invited lecture on "How to find out pre-feasibility of a Project: Preliminary Project Report (PPR)" workshop titled by Technology Based Entrepreneurship Development Programme (TEDP) Workshop being organized by NIPER Hyderabad Organized and Conducted of Hackathons under Innovation cell on 31-01-2020 to 01-02-2020 at GNITS, Hyderabad.

ABOUT THE BOOK

This book aims at providing the methodology for developing a clustering techniques that works for large data sets with minimum time consumption. Data sets comprise stern noise points, if not are at high dimensions. Therefore, achieving an optimal solution is a challenging task in all techniques. So as to find the optimal solution space, the stochastic techniques of PSO and dynamic techniques, can be employed.

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