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Expertise

Mathematics

Fixed point theory,

Work experience

1. PSN Engineerin College 2011 — 2012

Assistant Professor
Tirunelveli

Education

1. M.Phil - 2011

Virudhunagar Hindu Nadars' Senthikumara Nadar College Virudhunagar

2. M.Sc - 2010

Virudhunagar Hindu Nadars' Senthikumara Nadar College Virudhunagar

3. B.Sc - 2007

Publication

1. Diffusion-based graph representation learning algorithms: Graph Diffusion Network (GDN), Graph Convolutional Networks (GCN) and Graph Diffusion System (GDS)

Malathi, B and Chelliah S

European Chemical Bulletin, Volume 12, Year 2023, Pages 4056-4065

2. EVALUATION OF ANALYTICAL SOLUTION FOR FRACTIONAL DIFFUSION EQUATIONS USING FIXED POINT THEOREMS AND ENHANCED ADOMIAN DECOMPOSITION METHOD

Malathi, B and others

Turkish Journal of Computer and Mathematics Education (TURCOMAT), Volume 12, Year 2021, Pages 4244--4257

3. Diffusion-based traffic flow algorithm for graph representation learning

B.Malathi

International Journal of Pharmaceutical Research, Volume 12, Year 2020, Pages 4091-4097

4. A Study of Convergence to D-diffusion Processes on graphs'

B.Malathi

Recent trends in pure and applied mathematics , Volume , Year 2020, Pages

5. Rivers Basic edge weight connectivity of stream Network

B.Malathi

National conference on Advances in Mathematics , Volume , Year 2020, Pages

6. The fixed point on diffusion semigroup in functional analysis'

B.Malathi

International Conference on History and Development of Mathematics , Volume , Year 2020, Pages

7. A rivers basic edge weight connectivity of steam network based on fixed point diffusion graph theory

B.Malathi, S.Chelliah

Malaya Journal of Mathematics, Volume 8(2), Year 2020, Pages 724-729

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