

A comparative analysis of multidimensional features of objects resembling sets of graphs

A full-potential linearized augmented plane wave study of the interaction of CO<sub>2</sub> with α-Pu (020) surface nanolayers

Algorithmic computation of knot polynomials of secondary structure elements of proteins

A microscopic view of the mechanisms of active transport across the cellular membrane

An automated algorithm for reliable equation of state fitting of magnetic systems

An efficient heuristic approach to detecting graph isomorphism based on combinations of highly discriminating invariants

A novel epidemic model considering demographics and intercity commuting on complex dynamical networks

A robust AMMI model for the analysis of genotype-by-environment data

A similarity measure for graphs with low computational complexity

BACOM

In silico detection of genomic deletion types and correction of normal cell contamination in copy number data

Characterizing rate limiting steps in transcription from RNA production times in live cells

Comparative analysis of tissue reconstruction algorithms for 3D histology

Comparing large graphs efficiently by margins of feature vectors

Cuts for 3-D magnetic scalar potentials

Visualizing unintuitive surfaces arising from trivial knots

Density functional theory study of FePd<sub>n</sub> (n = 2-14) clusters and interactions with small molecules

Entropy bounds for dendrimers

Estimation of GFP-tagged RNA numbers from temporal fluorescence intensity data

Evolutionary dynamics of the spatial Prisoner's Dilemma with self-inhibition

Gene set analysis for self-contained tests

Complex null and specific alternative hypotheses

Gene Sets Net Correlations Analysis (GSNCA)

A multivariate differential coexpression test for gene sets

Graph distance measures based on topological indices revisited

Graph entropy based on the number of spanning forests of c-cyclic graphs

Growth behavior and magnetic properties of spherical uranium oxide nanoclusters

Homogeneous  $(\alpha, k)$ -Polynomial Solutions of the Fractional Riesz System in Hyperbolic Space

Hypermonogenic Functions of Two Vector Variables

Hypermonogenic solutions and plane waves of the Dirac operator in  $\mathbb{R}^p \times \mathbb{R}^q$

Information theoretic measures of UHG graphs with low computational complexity

Integral kernels for k-hypermonogenic functions

Introducing libeemd

a program package for performing the ensemble empirical mode decomposition

Magnetic origin of the chemical balance in alloyed Fe-Cr stainless steels

First-principles and Ising model study

Melting of copper clusters

Modeling mass transfer in fracture flows with the time domain-random walk method

Modeling probability densities with sums of exponentials via polynomial approximation

Multichannel Blind Sound Source Separation using Spatial Covariance Model with Level and Time Differences and Non-Negative Matrix Factorization

NetBioV

An R package for visualizing large network data in biology and medicine

On efficient network similarity measures

On k-Hypermonogenic Functions and Their Mean Value Properties

Optimal energy decay for the wave-heat system on a rectangular domain

Relations and bounds for the zeros of graph polynomials using vertex orbits

Revealing differences in gene network inference algorithms on the network level by ensemble methods

SamExploreR

Exploring reproducibility and robustness of RNA-seq results based on SAM files

Satisfiability of modal inclusion logic

Lax and strict semantics

SCIP  
a single-cell image processor toolbox

Sound Event Detection in the DCASE 2017 Challenge

Structural similarity of directed universal hierarchical graphs  
A low computational complexity approach

The watching system as a generalization of identifying code

Topological mappings between graphs, trees and generalized trees

Unite and conquer  
Univariate and multivariate approaches for finding differentially expressed gene sets

Universal construction mechanism for networks from one-dimensional symbol sequences

Van der Waals interactions are critical in Car-Parrinello molecular dynamics simulations of porphyrin-fullerene dyads

Two models for hydraulic cylinders in flexible multibody simulations

Chipless graphene tag and dual-CP reader for Internet of Things

Circularly Polarized Textile Tag Antenna for Wearable Passive UHF RFID Systems

Comparison of Human Head Phantoms with Different Complexities for Implantable Antenna Development

Introducing Multi-Convexity in Path Constrained Trajectory Optimization for Mobile Manipulators

Resilient Cooperative Voltage Control for Distribution Network with High Penetration Distributed Energy Resources

The different levels of magneto-mechanical coupling in energy conversion machines and devices

Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation

Machine learning  
How it can help nanocomputing