Poster Session

A Categorical Model for the Virtual Braid Group
L. H. Kauffman[1], S. Lambropoulou[2]
[1]University of Illinois at Chicago, [2]National Technical University of Athens

Knotoids
N. Gugumcu[1], L. H. Kauffman[2], S. Lambropoulou[1]
[1]National Technical University of Athens, [2]University of Illinois at Chicago

p-adic framed braids
J. Juyumaya[1], S. Lambropoulou[2]
[1]Universidad de Valparaiso, [2]National Technical University of Athens

The Juyumaya-Lambropoulou classical link invariants from the Yokonuma–Hecke algebras
M. Chlouveraki[1], J. Juyumaya[2], K. Karvounis[3], S. Lambropoulou[4]
[1]Universite de Versailles Saint-Quentin-en-Yvelines, [2]Universidad de Valparaiso, [3]Universitat Zurich, [4]National Technical University of Athens

Markov trace on the bt-algebra and tied links
F. Aicardi[1], J. Juyumaya[2]
[1]International School for Advanced Studies, [2]Universidad de Valparaiso

Framization of the Temperley-Lieb algebra
D. Goundaroulis
National Technical University of Athens

Braid equivalences in 3-manifolds with rational surgery description
I. Diamantis, S. Lambropoulou
National Technical University of Athens

A new basis for the Homflypt skein module of the solid torus
I. Diamantis, S. Lambropoulou
National Technical University of Athens

The Isomorphism Conjecture for Subgroups of $Aut(Fn)$ - Equivariant and Stratified Rigidity of Quasitoric Manifolds
V. Metaftsis, E. Prassidis
University of the Aegean

Loop spaces, Steenrod, Dyer-Lashof, Dickson algebras
N. Kechagias
University of Ioannina

Constructing Class Invariants
A. Kontogeorgis
University of Athens

The linking number in systems with Periodic Boundary Conditions
E. Panagiotou[1], S. Lambropoulou[2], C. Tzoumanekas[2], D. N. Theodorou[2]
[1]University of California, Santa Barbara, [2]National Technical University of Athens

Extending Topological Surgery to Natural Processes
S. Lambropoulou, S. Antoniou
National Technical University of Athens

An Algebraic Framework for the Verification of Context-aware Adaptive Systems
K. Ksystra, P. Stefaneas, P. Frangos
National Technical University of Athens

Towards Formal Open Standards: the Case of RSS v2.0
K. Barlas[1], E. Berki[2], P. Stefaneas[1], G. Koletsos[1]
[1]National Technical University of Athens, [2]University of Tampere

Towards formal representation and comparison of video content using algebraic semiotics
N. Triantafyllou[1], K. Ksystra[1], P. Stefaneas[1], A. Kalampakas[2]
[1]National Technical University of Athens, [2]American University of the Middle East

Applications to medical imaging
E. Karali
National Technical University of Athens