Mathematics

Authors and titles for Nov 2010, skipping first 250

[total of 1730 entries: 1-25 | ... | 176-200 | 201-225 | 226-250 | **251-275** | 276-300 | 301-325 | 326-350 | ... | 1726-1730]
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[251] arXiv:1011.0986 [pdf, ps, other]

Localized bases for finite dimensional homogenization approximations with non-separated scales and high-contrast

Houman Owhadi, Lei Zhang
Comments: 26 pages. Submitted
Subjects: **Numerical Analysis (math.NA)**; Analysis of PDEs (math.AP)

[252] arXiv:1011.0997 [pdf, ps, other]

Performance Analysis of Spectral Clustering on Compressed, Incomplete and Inaccurate Measurements

Blake Hunter, Thomas Strohmer
Subjects: **Numerical Analysis (math.NA)**; Computer Vision and Pattern Recognition (cs.CV); Functional Analysis (math.FA); Machine Learning (stat.ML)

[253] arXiv:1011.1001 [pdf, ps, other]

Colourings of lattices and

coincidence site lattices

Manuel Joseph C. Loquias, Peter Zeiner

Comments: 9 pages, 6 figures

Subjects: **Metric Geometry (math.MG)**

[254] arXiv:1011.1003 [pdf, ps, other]

Picard group of hypersurfaces in toric varieties

Ugo Bruzzo, Antonella Grassi

Comments: 14 pages. v2: some typos corrected

Subjects: **Algebraic Geometry (math.AG)**

[255] arXiv:1011.1010 [pdf, ps, other]

Sparse paving matroids, basis-exchange properties, and cyclic flats

Joseph E. Bonin

Comments: 11 pages

Subjects: **Combinatorics (math.CO)**

[256] arXiv:1011.1022 [pdf, ps, other]

A non-weakly amenable Banach algebra whose bidual is weakly amenable

H.R. Ebrahimi Vishki

Comments: 3 pages

Subjects: **Functional Analysis (math.FA)**

[257] arXiv:1011.1027 [pdf, ps, other]

An algorithm for the Cartan-Dieudonné theorem on generalized scalar product spaces

M.A. Rodríguez-Andrade, G. Aragón-González, J.L. Aragón, Luis Verde-Star

Comments: 25 pages

Subjects: **Rings and Algebras (math.RA)**

[258] arXiv:1011.1031 [pdf, ps, other]

On the length of chains of proper subgroups covering a topological group

Taras Banakh, Dušan Repovš, Lyubomyr Zdomskyy

Subjects: **Logic (math.LO)**; General Topology (math.GN)

[259] arXiv:1011.1032 [pdf, ps, other]

On the Relative Weak Asymptotic Homomorphism Property for Triples of Groups von Neumann Algebras

Paul Jolissaint

Comments: One more condition added; it is expressed in terms of compact vectors

Subjects: **Operator Algebras (math.OA)**

[260] arXiv:1011.1034 [pdf, ps, other]

Partial Rigidity of CR Embeddings of Real Hypersurfaces into Hyperquadrics with Small Signature Difference

Peter Ebenfelt, Ravi Shroff

Subjects: **Complex Variables (math.CV)**

[261] arXiv:1011.1037 [pdf, ps, other]

Extremal maps in best constants vector theory - Part I: Duality and Compactness

Ezequiel R. Barbosa, Marcos Montenegro

Subjects: **Analysis of PDEs (math.AP)**; Differential Geometry (math.DG)

[262] arXiv:1011.1040 [pdf, ps, other]

A parametric approach to list decoding of Reed-Solomon codes using interpolation

Mortuza Ali, Margreta Kuijper

Comments: 16 pages, Submitted to Transactions on Information Theory

Subjects: **Information Theory (cs.IT)**

[263] arXiv:1011.1044 [pdf, ps, other]

Generalized Hamming schemes

Chris Godsil

Comments: 14 pages

Subjects: **Combinatorics (math.CO)**

[264] arXiv:1011.1046 [pdf, ps, other]

Necessary geometric and analytic conditions for general estimates in the $\dib$-Neumann problem

T.V. Khanh, Giuseppe Zampieri

Subjects: **Complex Variables (math.CV)**

[265] arXiv:1011.1049 [pdf, ps, other]

Spectral analysis on infinite Sierpinski fractafolds

Robert Strichartz, Alexander Teplyaev

Subjects: **Functional Analysis (math.FA)**; Mathematical Physics (math-ph); Analysis of PDEs (math.AP)

[266] arXiv:1011.1057 [pdf, ps, other]

Structure of finite nilspaces and inverse theorems for the Gowers norms in bounded exponent groups

Balazs Szegedy

Comments: 13 pages

Subjects: **Combinatorics (math.CO)**

[267] **arXiv:1011.1060** [**pdf**, **other**]

The convex real projective manifolds and orbifolds with radial ends I: the openness of deformations

Suhyoung Choi

Comments: 62 pages, 7 figures

Subjects: **Geometric Topology (math.GT)**

[268] **arXiv:1011.1061** [**pdf**, **ps**, **other**]

Surfaces with $p_g = 0$, $K^2 = 5$ and bicanonical maps of degree 4

Lei Zhang

Comments: 35pages

Subjects: **Algebraic Geometry (math.AG)**

[269] **arXiv:1011.1062** [**pdf**, **other**]

Plane wave stability of some conservative schemes for the cubic Schrödinger equation

Morten Dahlby, Brynjulf Owren