PIMS 2015 Publications

Below we list publications for PIMS CRG activities, PDFs and CNRS Researchers. Only publications dated 2015 are listed.


20. S. Assaf and K. Pal, Partial metric spaces with negative distances and fixed point theorems, Topology Proceedings, accepted (2015)


<table>
<thead>
<tr>
<th>Number</th>
<th>Author(s)</th>
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<th>Journal/Acceptance Details</th>
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<tr>
<td>43.</td>
<td>H.H. Bauschke, Y. Lucet and H.M. Phan</td>
<td>On the convexity of piecewise-defined functions</td>
<td>ESAIM COCV, accepted (2015)</td>
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<td>55.</td>
<td>K. Behrend and E. Getzler</td>
<td>Geometric higher groupoids and categories</td>
<td>preprint (2015)</td>
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<td>60.</td>
<td>M. Bergeron</td>
<td>The topology of nilpotent representations in reductive groups and their maximal compact subgroups</td>
<td>Geometry and Topology, accepted (2015)</td>
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78. D. Calegari and D. Rolfsen, Groups of PL homeomorphisms of cubes, Annales de la Faculte des Sciences de Toulouse, special issue dedicated to Michel Boileau, accepted (2015)


82. P. N. Chung, C. Costello and B. Smith, Fast, uniform, and compact scalar multiplication for elliptic curves and genus 2 Jacobians with applications to signature schemes, CoRR (2015)


89. T. Creutzig and A. Babichenko, Harmonic analysis and free field realization of the takiff supergroup of GL(1|1), submitted (2015)


122. W. Hare, J. Loeppky and B. Williams, Discussion: The nomax strategy and correlated outputs, Technometrics, accepted (2015)


126. W. Hare and H. Song, On the cardinality of positively linearly independent sets, Optimization Letters, accepted (2015)


143. A. Li and J.J. Ye, Necessary optimality conditions for optimal control problems with nonsmooth mixed state and control constraints, Set-Valued and Variational Analysis accepted (2015)
150. S. Melczer and M. Mishna, Enumerating lattice paths with symmetries through multivariate diagonals, Algorithmica, accepted (2015)


158. J. Parks, A remark on elliptic curves with a given number of points over finite fields, Contemporary Mathematics, accepted (2015)


160. C. Planiden and X. Wang, Most convex functions have a unique minimizer, Journal of Convex Analysis, accepted (2015)


185. J.J. Ye and J. Zhou, First order optimality conditions for mathematical programs with second-order cone complementarity constraints, optimization online, submitted (2015)


194. P. Youssef and K. Tikhomirov, When does a discrete-time random walk in $\mathbb{R}^d$ absorb the origin into its convex hull?, submitted (2015)


