Publications

Joseph Douglas Horton

November 6, 2010

1 Refereed Journal Publications

1. Yosri Harzallah, Joseph D. Horton, and Bruce Spencer, Assigning Routes and Wavelengths for Collaboration over Optical Networks, Photonic Networks Communications (10 pages), accepted for publication July 2010.


29. J.D. Horton, 1972, Quintuplication of Room Squares, Aequationes Mathematicae 7, 243-245.


2 Papers in refereed conference proceedings


3 Non-refereed conference publications


4 Non-refereed research reports

Many of these are early versions of refereed publications.


3. J. D. Horton and A. Lopez-Ortiz, 2001, High Arity Nodes, Routing and Internet Tomography, TR01-143 (10 pages).


9. Peter Baumgartner, J.D. Horton and Bruce Spencer, 1999, Merge Path Improvements for Minimal Model Hyper Tableaux, University of Koblenz-Landau, Informatics Institute, Fachberichte Informatik No. 1-99. (33 pages) Also published as TR99-124 in Faculty of Computer Science, UNB.


22. J.D. Horton, 1984, A Polynomial-time Algorithm to Find the Shortest Cycle Basis of a Graph, TR84-026, School of Computer Science, University of New Brunswick, August 1984.
23. J.D. Horton, 1984, A Lower Bound on the Number of One-Factors in Bicubic Graphs, TR84-023, School of Computer Science, University of New Brunswick, June 1984.


25. J.D. Horton, 1982, Sets with No Empty Convex 7-gons, TR82-021, School of Computer Science, University of New Brunswick, September 1982.


5 Education

5.1 Degrees

<table>
<thead>
<tr>
<th>Year</th>
<th>Department</th>
<th>University</th>
<th>Degree</th>
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<tr>
<td>1971</td>
<td>Combinatorics and Optimization</td>
<td>University of Waterloo</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>1969</td>
<td>Mathematics</td>
<td>York University</td>
<td>M.A.</td>
</tr>
<tr>
<td>1968</td>
<td>Mathematics</td>
<td>University of Manitoba</td>
<td>B.Sc.(honours)</td>
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5.2 Theses