A heuristic for placement of limited range wavelength converters in all-optical networks

KR Venugopal, M Shiva Kumar, P Sreenivasa ... - Computer Networks, 2001 - Elsevier
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KR Venugopal, EE Rajan, PS ... - Proceedings of the ... 1998 - doi.ieeecomputersociety.org
This paper attempts to study the impact of wavelength converters in WDM wavelength routed all-optical networks. A new heuristic approach for placement of wavelength converters to reduce blocking probabilities is explored. Multihop virtual topology is designed to minimize the blocking probability.

Impact of wavelength converters in wavelength routed all-optical networks

KR Venugopal, E Ezhil Rajan, P ... - Computer Networks, 1999
This paper attempts to study the impact of wavelength converters in WDM wavelength routed all-optical networks. A new heuristic approach for placement of wavelength converters to reduce blocking probabilities is explored. Multihop virtual topology is designed to minimize the blocking probability.

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A Dynamic Migration Model for Self Adaptive Genetic Algorithms

KG Srinivasa, K Sridharan, PD Shenoy, KR Venugopal, ... - IDEAL, 2005 - Springer

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Lesion detection using segmentation and classification of mammograms

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The national cancer institute (NCI) estimates that 1 in 8 women in USA (12.6%) develop breast cancer, during their life time. Mammography is a medical imaging technique that combines, low-dose radiation and high-contrast, high-resolution film for examination of the breast ...

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Energy Aware Topology Management in Ad Hoc Wireless Networks

TS Prakash, GS Badrinath, KR Venugopal, LM ... - Lecture Notes in ..., 2006 - Springer

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... Classification of Mammograms Using Decision Trees L. Vibha GM Harshavardhan K Pranaw P Deepa Shenoy KR Venugopal LM Patnaik Dept. of Comput. Sci. & Eng., Bangalore Univ.; This paper appears in: Database Engineering and Applications Symposium, 2006. ...

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Self-healing antchain for increasing lifespan in Wireless Sensor Networks

... , R Adrakatti, L Nalini, KR Venugopal, ... - ... (ICTES 2007), 2007 ..., 2007 - ieeexplore.ieee.org

The effectiveness of parallel computing depends on the performance of the primitives offered by the system to express parallelism. If the cost of creating and managing parallelism is high, even coarse grained parallel programs show poor performance. On the other hand, if the ...
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DN Sujatha, K Girish, B Rashmi, KR Venugopal, … - Lecture Notes in …, 2007 - Springer
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KR Venugopal, LM Patnaik - Information Processing, 2008 - books.google.com  
LM Patnaik and Venugopal KR (Eds.), ICIP-2008, Pages 264-270 © IK International Publishing House Pvt. Ltd., New Delhi, India CHAPTER 33 Steganalysis to find the Stego-Tool and the Length of the Payload Using One-Class and Multi-Class SVMs K. Suresh Babu*, KB Raja*, Kiran...

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... Babu, KB Raja, K Kiran Kumar, TH Manjula Devi, V KR ... - ieeexplore.ieee.org  
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Cluster Based Algorithm for Energy Conservation and Lifetime Maximization in Wireless Sensor Networks
H Sivasankari, K Shaila, KR Venugopal... - International Journal, 2011 - doaj.org
Abstract: one of the most critical issues in designing Wireless Sensor Network (WSN) is to minimize the energy consumption. In Wireless Sensor Networks, data aggregation reduces the redundancy among sensed data and optimal sensor routing algorithm provides ... 

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... Srinivasa K. G : The matrix can be split into even and odd rows. ... the matrix and keeps the solution having the minimum encoded length with dynamic programming to keep it efficient. ... 

Secure authentication using image processing and visual cryptography for banking applications
Page 1. Secure Authentication using Image Processing and Visual Cryptography for Banking Applications Chetana Hegde #1, Manu S #2, P Deepa Shenoy #3, Venugopal KR #4, LM Patnaik *5 # Department of Computer Science ...

Performance of AODV Routing Protocol using Group and Entity Mobility Models in Wireless Sensor Networks
S H Manjula, C N Abhilash, K Shaila – Proceedings og the 2008 – iaeng.org
Abstract—Wireless Sensor Network is Multihop Self-configuring Wireless Network consisting of sensor nodes. The patterns of movement of nodes can be classified into different mobility models and each is characterized by their own distinctive features. The significance of ... 

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