Prof. Gayatri MEHTA  
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Selected Scholarly Contributions SCOPUS

Untangled: A game environment for discovery of creative mapping strategies  
(2013) ACM Transactions on Reconfigurable Technology and Systems, 6 (3), art. no. 13, .

UNTANGLED - An interactive mapping game for engineering education  

Yuan, X., Mehta, G., Jones, A.K.  
Guest editor's note interaction between compilers and computer architectures  

Gomathisankaran, M., Mehta, G., Namuduri, K.  
Power, performance and security optimized hardware design for H.264  

Mehta, G., Jones, A.K.  
An architectural space exploration tool for domain specific reconfigurable computing  

Mehta, G., Stander, J., Baz, M., Hunsaker, B., Jones, A.K.  
Interconnect customization for a hardware fabric  

Mehta, G., Ihrig, C.J., Jones, A.K.  
Reducing energy by exploring heterogeneity in a coarse-grain fabric  
Mehta, G., Stander, J., Baz, M., Hunsaker, B., Jones, A.K.
Interconnect customization for a coarse-grained reconfigurable fabric
Abstracts and CD-ROM, art. no. 4228098, .

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Design space exploration for low-power reconfigurable fabrics
1639484, .

Mehta, G., Hoare, R.R., Stander, J., Jones, A.K.
A low-energy reconfigurable fabric for the SuperCISC architecture
Machines, FCCM 2006, art. no. 4020934, pp. 309-310.

A VLIW processor with hardware functions: Increasing performance while reducing power