

Publications

(a) International Journals

1. *Jha, K and Gurumoorthy, B 2000 "Multiple feature interpretation across domains", Computer in Industry, 42(1), pp 13-32.*
2. *Jha, K and Gurumoorthy, B 2000 "Automatic propagation of feature modification across domains", Computer Aided Design, 32(12), pp 691-706.*
3. *Jha, Kailash, 2004 "Minimum Energy Based Interpolation for Interactive Incremental Well-path design". International Journal of Computer Aided Engineering and Software, 21(7), PP: 679-691.*
4. *Jha Kailash, 2005 "Energy based multiple refitting for skinning", International Journal of CAD/CAM, Vol. 5, No. 1, 11-88.*
5. *Jha Kailash, 2007 " Automatic Minimal Loop Extraction and Initialisation for Water Pipe Network Analysis", International Journal of Simulation, Systems, Science and Technology, Vol. 9 No. 2, PP 8-19.*
6. *Jha, Kailash, 2008 "Energy Based Approximation and Interactive Visualization of Eventualities in Earth Layers for Optimal Well Path", Accepted in International Journal of Simulation, Systems, Science and Technology, No. 4, Vol. 9.*
7. **Jha Kailash, 2008 "Construction of branching Surface from 2-D Contours", International Journal of CAD/CAM", Vol 8.**

(b) Conferences

1. International

- a) *Jha, K, 2001 " Local Minimum-Energy, Finite-Element Based Formulation for Well-Path Design", **PROLAMAT-2001**, Budapest(Hungary), 7-10 Nov, pp206-17.*
- b) *Jha Kailash, 2003" Energy based multiple curve refitting for skinning", **International Conference CAD/ Graphics**, Macao(China).*
- c) *Jha Kailash, 2004 " Automatic Extraction of Minimal Cycles for Initialization of Graph Network", **International Conference in Discrete Mathematics and its Application**, Amrita Vishwa Vidyapitham Coimbatore (India).*
- d) *Jha Kailash, 2006 "Automatic Loop Extraction and Initialization for Water Network Analysis", Paper has been accepted for presentation in **15th Congress of Asia and Pacific Division of the International Association of Hydraulic Research and International Symposium on Maritime Hydraulics**, pp1315-23, 7-10 August, Deptt. of Ocean Engineering, IITM, Chennai, India.*
- e) *Jha Kailash, 2006 " Catmull-Clark Subdivision and Skinning of Incompatible Curves" ,International Conference on **Trends in Product Life Cycle, Modeling, Simulation and Synthesis** (PLMSS-2006), IISc., Bangalore(India), pp-83-90.*
- f) *Jha Kailash, 2007 "Construction of 3-D Surface from 2-D Contours having Branches" CAE 07, Deptt. Of Mechanical Engg. IITM, Chennai, pp 588-594.*
- g) *Jha K, " Reconstruction of Branching Surface and its Smoothness by Reversible Catmull-Clark Subdivision" Submitted to CGGM-09, USA.*

2. National

- a) *Jha, K and Gurumoorthy B, 1996 "Multiple feature interpretations of a part", National Conference on Machines and Mechanisms, Jan, CMERI, Durgapur, pp c44--c50.*
- b) *Jha K and Gurumoorthy B, 1997 "Efficient updating of feature models across domains", "National Conference on Machines and Mechanism", IIT, Kanpur, Dec, pp c43-c59.*
- c) *Jha, K, 1997 "Automatic propagation of feature modification across domains to support concurrent engineering", "3rd students' in-house symposium Dept of Mech. Engg, Indian Institute of Science, Bangalore INDIA", October7.*
- d) *Jha K, 2001 "Computer Aided Energy based Interactive Discrete Well Path Design" NACOMM-2001, IIT, Kharagpur, 21-22 December, PP 313-322.*
- e) *Jha, Kailash, 2005 "Energy based approximation for eventualities in earth layers for optimal well path", published in All India Conference in CAD/CAM, Robotic and Futuristic Factories", 10-11 December, BIT, Mesra, Ranchi (India)*
- f) *Jha, Kailash, 2006 "Real Time Monitoring of Well-Path and Geological Structures", National seminar on Condition Monitoring Overview & advanced Techniques (COMOAT-06), pp321-327, 15-16, September, Indian School of Mines, Dhanbad, India*
- g) *Jha K, 2009 " SKINNING REVERSIBLE CATMULL-CLARK SURFACE FROM INCOMPATIBLE CURVES AND CONVERGENVE OF POLYGONS TOWARDS CUBIC B-SPLINE CURVE", Accepted for publication in national conference (RAIT-09), Deptt. of Computer Science and Engineering ISMU, Dhanbad (India).*