Editorial

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Biographical notes: Srikanta Patnaik is Chairman and Founder Director of Interscience Institute of Management and Technology, Bhubaneswar, India. He received his PhD in Engineering in the year 1999 from Jadavpur University, Calcutta, India. He has authored the book *Robot Cognition and Navigation: Experiment with Mobile Robot* and edited two volumes *Machine Learning and Perception* and *Innovations in Robot Mobility and Control* published from Springer, Germany. His name has been placed in the *Marquis Who's Who in the World* for the 2004. He has been nominated as the International Educator of the Year 2005, by International Biographical Centre, Great Britain.

Welcome to the inaugural issue of *International Journal of Computational Vision and Robotics*. This issue brings out various articles from diverse areas of application of computational vision and robotics.

The first article entitled 'Feature level fusion of range and intensity images of an object' by Pati et al. proposed a feature level fusion of images of an object for high-level image description.

The second paper entitled 'Text extraction from images captured via mobile and digital devices' by Yi and Kiong presented the development of a human-machine interactive software application, specifically useful for text extraction from images which are captured using mobile and digital devices with cameras.

The third paper 'Effect of combining Müller-Lyer and horizontal-vertical illusions' by Choudhury et al. proposed an alternative model for scene analysis that can be tested and implemented using artificial neural network and vision systems.

The fourth paper entitled 'Interactive system for image based 3D modelling and rendering from single view perspective images' by Mohan and Murali presents an interactive system for image based 3D model building from single view uncalibrated images based on depth-cueing which constructs approximate wireframe from the user specified depth information.

The fifth paper entitled 'A non-rigid motion estimation algorithm for yawn detection in human drivers' by Mohanty et al. presented an interesting application of vision to analyse the deformation occurring on driver's face and accurately identify the yawn from other types of mouth opening such as talking and singing. They have proposed the estimation of possible fatigue or drowsiness by detecting the occurrence of yawns with human drivers using the degree of deformation on lips when a driver yawns.

The last paper entitled 'Image restoration with broken curve prediction' by Lin et al. proposed a new approach for the restoration of missing or damaged portions of an image by using the B-spline functions.