

Multi-Core Computer Vision and Image Processing for Intelligent Applications

Part of the Advances in Computational Intelligence and Robotics Book Series

Mohan S. (Al Yamamah University, Saudi Arabia) and Vani V. (Al Yamamah University, Saudi Arabia)

Description:

A multicore platform uses distributed or parallel computing in a single computer, and this can be used to assist image processing algorithms in reducing computational complexities. By implementing this novel approach, the performance of imaging, video, and vision algorithms would improve, leading the way for cost-effective devices like intelligent surveillance cameras.

Multi-Core Computer Vision and Image Processing for Intelligent Applications is an essential publication outlining the future research opportunities and emerging technologies in the field of image processing, and the ways multi-core processing can further the field.

Readers:

This publication is ideal for policy makers, researchers, technology developers, and students of IT.

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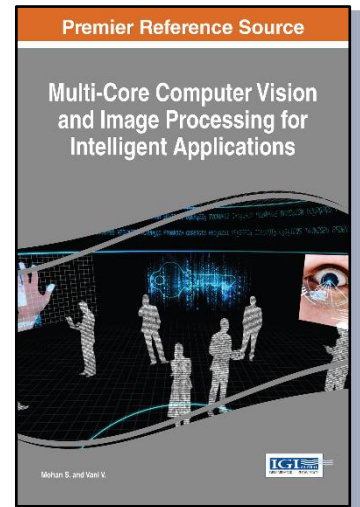
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