

Parallel Architectures and Computer Vision (Oxford science publications)



The computer interpretation of visual images offers unlimited potential, with applications ranging from robotics and manufacturing to electronic sensors for aiding the blind. However, there is a huge gap between the promise of technology and what is actually possible now. In order to work effectively, computers will have to sense and analyze visual scenes in a fraction of a second, but currently it is not unusual to devote an hour of computer time to the analysis of a single image. Also, such images often have to be of highly stylized scenes to make any analysis possible. The only hope for the future lies in the use of massive parallel architectures, with perhaps thousands of processors cooperating on the task. Fortunately, the spectacular advances now being made in VLSI technology may allow such parallelism to be economically feasible. This book draws together the proceedings of a key workshop held in 1987. It presents the work of leading U.K. researchers in parallel architectures and computer vision from both industry and academia, providing a clear indication of the state of the art.

Search publications - Research Database, The University of York [First publication of the Dancing with Pixies (DwP) [Critique of the ubiquitous computational metaphor in cognitive science.] [28] Carpenter, G. & Grossberg, S., (1987), A massively parallel architecture for a self organising neural pattern recognition machine, *Computer Vision, Graphics and Image Processing*: 37, pp. **Recent Publications - Graphic Era University** *Parallel Architectures and Computer Vision (Oxford science publications)*. Editor-Ian Page Published by Oxford University Press, USA, 1988. Used Condition: **Parallel Architectures Computer Vision by Editor Ian Page - AbeBooks** It was organized by the British Computer Society, and held in Oxford in 1987, *Parallel Architectures and Computer Vision (Oxford science publications)*. The University of Oxford's e-Research Centre leads digital research and Massive-Parallel Vector Processor Architecture for Computer Vision **A portable abstract machine model for image processing - IEEE Xplore** P. Kanase, A. Mittal and K. Singh, *Parallel Singular value decomposition algorithm on Cell Broadband engine* Published by Foundation of Computer Science. **Parallel Architectures and Computer Vision (Oxford science** Find great deals on eBay for computervision. Shop with confidence. *Parallel Architectures and Computer Vision (Oxford science publications)*. C \$13.50. **0198537409 - Parallel Architectures and Computer Vision Oxford** *Parallel Architectures and Computer Vision (Oxford science publications)* [SR: 15053662], Hardcover, [EAN: 9780198537403], Oxford University Press, Oxford **0198537409 - Ian Page, Ian Page, Michael Brady - Parallel** *Web Science Publications* Webinars Research Roadmap Body: eInfraCentrals mission is to ensure that by 2020 a

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