

THE STATUS OF RESEARCH IN ROBOTICS AND ROBOTIC VISION SYSTEMS

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Abstract: *This article presents the current international state of the art in robotics, in particular the robotic vision systems. The paper summarizes the findings in industrial, service and personal robots as well as networked robots. The emphasis of the second part of the article is on the concept of **early vision** - i.e. how to develop simple symbolic descriptions from images. Techniques for using these descriptions in spatial reasoning and in the planning action are less well developed and tend to depend on methodologies that are not appropriate for early vision.*

Key words: *robots programming, robotic vision, image processing, pattern classification, scene analysis.*

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