

VIDEO IMAGE PROCESSING FOR MOBILE ROBOT INDOOR NAVIGATION

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Abstract: *The paper follows some of the progresses made in the area of vision for mobile robot indoor navigation. In this paper we deal only with indoor navigation which is further subdivided into three major categories: map-based navigation, map-building-based navigation and map-less navigation, navigation based on other techniques such as object recognition.*

Key words: *image processing, navigation, autonomous mobile robot, computer vision, indoor navigation.*

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