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# FUZZY LOGIC BASED MOBILE ROBOT NAVIGATION



Fuzzy Logic Based Mobile Robot Navigation Hurdle Avoidance, Wall Following and Path Tracking Behaviours

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Hurdle Avoidance, Wall Following and Path Tracking Behaviours | Design and implementation of fuzzy logic controller for mobile robot navigation in unknown environments is presented. The task of navigation is divided into three behaviors namely hurdle avoidance, wall following and goal seeking. The outputs from these behaviors are combined to generate collision free motion of robot amongst obstacles in reaching the target. The controllers for these behaviors are designed using Fuzzy Logic...

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