Navigation Strategies For Mobile Robot

Keywords
Navigation Mobile Robot

Input
Mobile instruction

Output:
Various direction navigation

Technology:
Mobile robot, Robot Operating System (ROS), Mobile

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Description:

        Mobile Robot Navigation using learned Fuzzy Interface System . Using Robot Operating System (ROS), code libraries from Fuzzy Life for FIS for learning and implementing Fuzzy Interface System(FIS) in ROS. Using trained FIS System vasly increases the speed and the Robot and the degree of smoothness in turns. The Robot uses 81 rules and a total of 36 linguistic term for input and output. Its avoids avoid obstacles seen by the LIDAR.

Links:
https://www.youtube.com/watch?v=N95z3OIDsDU