عنوان مقاله:

EXPERIMENTAL AND STATISTICAL RESULTS OF TWO DOF MOBILE ROBOTS

محل انتشار:

سیزدهمین کنفرانس سالانه مهندسی مکانیک (سال: 1384)

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خلاصه مقاله:

The imperfections in design and mechanical implementation of robots cause some systematic errors. In this paper the overall study of the possibilities of three differential drive robots, some experimental tests and statistical results are presented. These robots are tested and moved in given trajectories for determination of systematic errors. The final step, some statistical parameters are defined for validation of error correction in imposed robots.

کلمات کلیدی:

Systematic Error, Odometry Test, Differential Drive Robots, Experimental Tests, Statistical Results

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