

Performance Evaluation

G. Shen, Y. Takeda, and H. Funabashi

A kinematic calibration of in-parallel actuated mechanisms using Fourier series (evaluation index for determination of the set of measurement paths)

R. Di Gregorio and V. Parenti-Castelli

Dynamic performance indices for 3-DOF parallel manipulators

H.S. Kim and L.-W. Tsai

Evaluation of a Caresian parallel manipulator

T.K. Tanev and J. Rooney

Rotation symmetry axes and the quality index in a 3D octahedral parallel robot manipulator system

K. Parsa, J. Angeles and A.K. Misra

Linearized kinematics for state estimation in robotics

N. Gascons, H. Su, and J.M. McCarthy

Performance evaluation of the grasp of two cooperating robots using a type map

E. Staffetti, H. Bruyninckx, and J. De Schutter

On the invariance of manipulability indices

F. Valero, V. Mata, F. Rubio, and J.-L. Suárez

Influence of the manipulability index on trajectory planning for robots in a workspace with obstacles