Selected Scholarly Contributions [Data Provided by SCOPUS]

Sequential Q-learning with kalman filtering for multirobot cooperative transportation

An automated industrial fish cutting machine: Control, fault diagnosis and remote monitoring

Knowledge-based grasping of unknown objects in unstructured urban environments

Mobile robot localization and object pose estimation using optical encoder, vision and laser sensors

Visual servo control and parameter calibration for mobile multi-robot cooperative assembly tasks

Multi-sensor gripper positioning in unstructured urban environments using neural networks

Q-learning based multi-robot box-pushing with minimal switching of actions

Assess team Q-learning algorithm in a purely cooperative multi-robot task

A modified Q-learning algorithm for multi-robot decision making

Fault diagnosis of an industrial machine through neuro-fuzzy sensor fusion

A machine-learning approach to multi-robot coordination

Control output devices - Actuators and displays for process automation: Part 12 in a series of tutorials in instrumentation and measurement

Multi-robot box-pushing: Single-agent Q-learning vs. team Q-learning

Extend single-agent reinforcement learning approach to a multi-robot cooperative task in an unknown dynamic environment

An object transportation system with multiple robots and Machine Learning