

MECHATRONICS IN ROBOTICS

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Mechatronic systems such as robots result from an ideal combination of mechanics, electronics and information processing. In the paper, the trend in mechatronics that software functions improve the robot and make it more intelligent is described with examples (e.g. model based transport, model based path planning, model based improved accuracy). The other trend is the mechatronic integration where control circuits, sensors and actuators are integrated as example in one link of the robot.