The aim of the diploma thesis was to design robotic arm which is able to move small subjects. The robot has to be usable in our digital factory with principles of Industry 4.0. All targets were fulfilled. The robot was assembled from purchased kit and equipped with new controll system using Arduino board. The student developed three control mechanisms of the robot. First it was manual operation. He used keyboard or board with 16 buttons from the kit and he created a program to control drives of the robot using these buttons manually. Secondly he created control system which corresponds to automaton. He described sequences of the automaton with diagrams. Finally he created program to direct control of servodrives using arduino libraries.

Presented book has an ordinary structure, but I would recommend greater separation and more detailed description of his own work. The text is comprehensible with a minimum of errors.

This work meets the Master degree requirements and therefore I recommend it for defense.

I suggest to classify this work by grade: very good.

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