



## Humanoid biped robot

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By Salman Jehangir Khan

LAP Lambert Academic Publishing Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - Through technical advances we humans have automated vast areas of our working lives. Apart from industrial and communication fields, fields like that of gardening, cleaning and cooking are also being automated, that are intelligent and can operate as per requirement with minimum of human interference. Our idea of project is to automate the specified task. With this automation, many tasks that humans perform in routine work would be done easily without any human interaction. Through our knowledge and observations we are designing a Robot based on PIC16 that can move at various angles. It can move his arm at angle as it is specified. It can make himself rotate his body, at different angles as we set. We use servo motors on arms and stepper motors on back bone and neck. Through the Microcontroller Pic 16F877A, we control the all servos and steppers, through Programming. 104 pp. Englisch.



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