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Patent Search

Invention Title	EXPERT SYSTEM BASED MATHEMATICAL MODEL FOR HUMANOID ROBOT DESIGNING			
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Abstract:

Abstract: This invention is an Expert System based Mathematical Model for Humanoid Robot Designing employing user input and Data acquisition. Input is collected 1 via a mobile computing device. The input parameters are classified into height, width, breadth etc. The Electronic Computing Unit is at the data receiving end of both and DAQ. All the data collected and computed is sent to the server for this application employing the IoT module integrated with the Electronic Control Unit. Here a Si Vector Machine and K Means based ensemble machine learning approach is employed. Once sufficient data has been collected and classification based profiling has it is given as input to 3D Printer. According to the user defined Filling ratio and the other parameters the 3D printer prints and produces a model for Humanoid Robot

Complete Specification

Claimed:

1) An Expert System based Mathematical Model for Humanoid Robot Designing in which the input given by the user is processed through DAQ and Electronic comp and 3D model is produced through 3D Printer

2) As claimed in Claim 1, the employment of drawing and image data obtained from a tab through a specific mobile application.

3) As claimed in Claim 1, the employment of DAQ system for gathering input data pertaining to robot.

4) As claimed in Claim 1, the employment of embedded computing unit for calculating the dimensions of humanoid robot.

5) As claimed in Claim 1, the employment of 3D printer for printing the parts of the robot.

View Application Status



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