

kinematics equation of the robot. In both methods, the input and output data are Metrics given to train the model. The training of the model is stopped and finalized when the error of the model comes under the tolerable limit. For evaluating the More Like This designed model, both models are compared with the derived algebraic model of the robot. The comparison helps to prove that the ANFIS model is better than Published in: 2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA) Date of Conference: 2-4 Sept. 2021 10.1109/ICIRCA51532.2021.9544745 Date Added to IEEE Xplore: 01 October 2021 Publisher: IEEE Conference Location: Coimbatore, ▶ ISBN Information: India Contents I. Introduction As strange as it may appear, there is no universal description of a robot. Still, many important features that a robot should take, which may aid you to regulate what is and is not a robot. It should permit users to choose which features must be constructed into a mechanism earlier it can be assumed as a robot. Then a robot may be described as a gadget that performs human-like functions. The description of a robot, as per the American Society of Bioghroticto iSoAtinine unstriading bot is a reprogrammable, versatile manipulator that is designed to move materials, components, tools, and particular devices using varied programmed motions to execute a variety of tasks. Advanced robot arms and kinematic machines, usually are built by relating various joints with stiff linkages. The initial possible connection by the robot is generally permanent. Depending on the output style required by a handful of joints, several linkages are accessible. Authors Figures References Keywords Metrics **IEEE Personal Account Purchase Details Profile Information** Need Help? Follow

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kinematics of 3R planar robot. The input data like X and Y coordinates and

output data like joint angles θ_1 , θ_2 and θ_3 are generated using the forward

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