

10. Conclusion

A complete analytical solution to the forward kinematics of gantry Robot is derived in this Paper and the problems was mentioned above was fixed. The forward kinematic analysis of gantry robot is investigated. The mathematical model is prepared and solved for positioning of the end-effectors by preparing a program in MATLAB. Furthermore GUI is done using visual basic to simplify Gantry Robot Kinematic Analysis Based on D.H Method and now it is become easy for researchers and students to study the kinematic of gantry robot and changing the parameters to see the behavior of the system for getting best design and configuration of robot.

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