

1. The Figure below is a RRPR robot. For this robot system:

- Assign link frames [50 points]
- Complete the Denavit-Hartenberg parameters [40 points]
- Use the link parameters to compute the individual link transformation matrices for each joint and compute the individual transformation matrices [10 points]

2. Write a MATLAB script using the Robotics Toolbox to determine the location and orientation of the manipulator's end-effector where:

- Theta1, Theta2, and Theta3 are 0
- All links are 1 unit [100 points]

