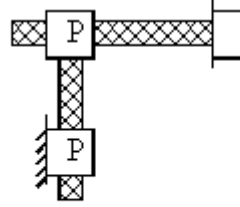
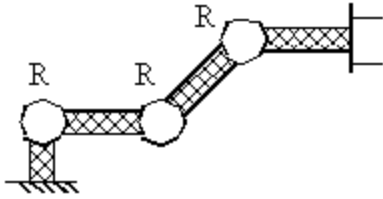


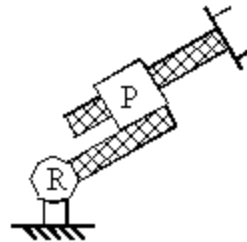
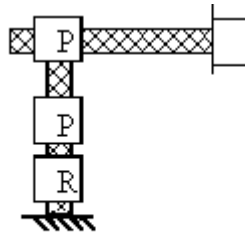
Mechanical and Aerospace Engineering Department
University of Texas at Arlington
Introduction to Robotics – ME 5337
Homework # 4

Due Date: Third class meeting from date of assignment



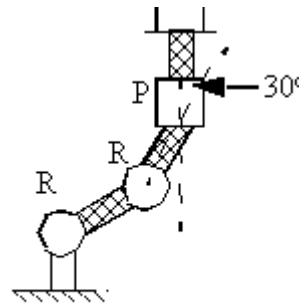
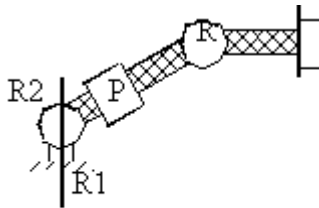
Problem 1: 3-Link Planar Manipulator

Problem 2: 2-Link Cartesian Manipulator



Problem 3: Cylindrical 3D Manipulator

Problem 4: 2-Link Planar Manipulator



Problem 5: 3-D Manipulator

Problem 6: Planar w/Bent Link

Find Forward Kinematics Using Homogeneous Transforms for problems 3, 4, 5, 6
 (use results of HW 3)