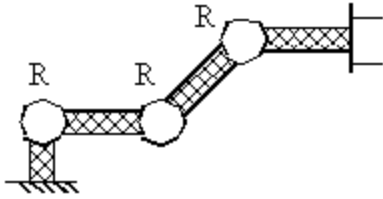
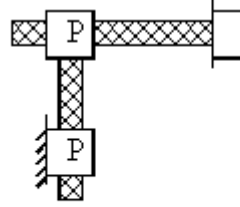


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Homework # 4

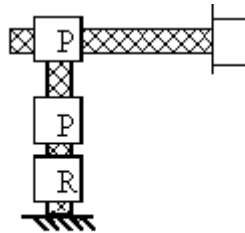
Due Date: Third class meeting from date of assignment



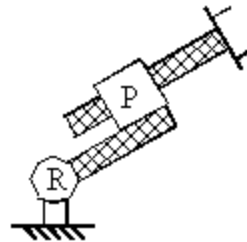
Problem 1: 3-Link Planar Manipulator



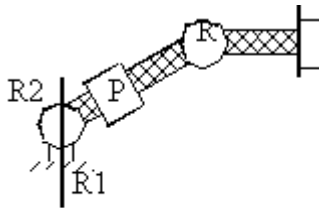
Problem 2: 2-Link Cartesian Manipulator



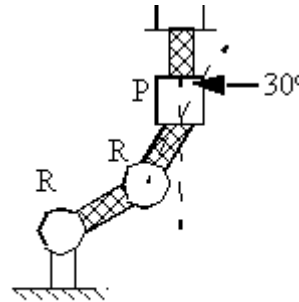
Problem 3: Cylindrical 3D Manipulator



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)