Design a four bar linkage to carry the bolt from position 1 to 2 and then from 2 to 3.   All attachment points to the gripper must be placed above the bolt and the final mechanism must use the fixed pivots shown.

a.   Use the diagram on the next page to perform a graphical three position synthesis of the mechanism.

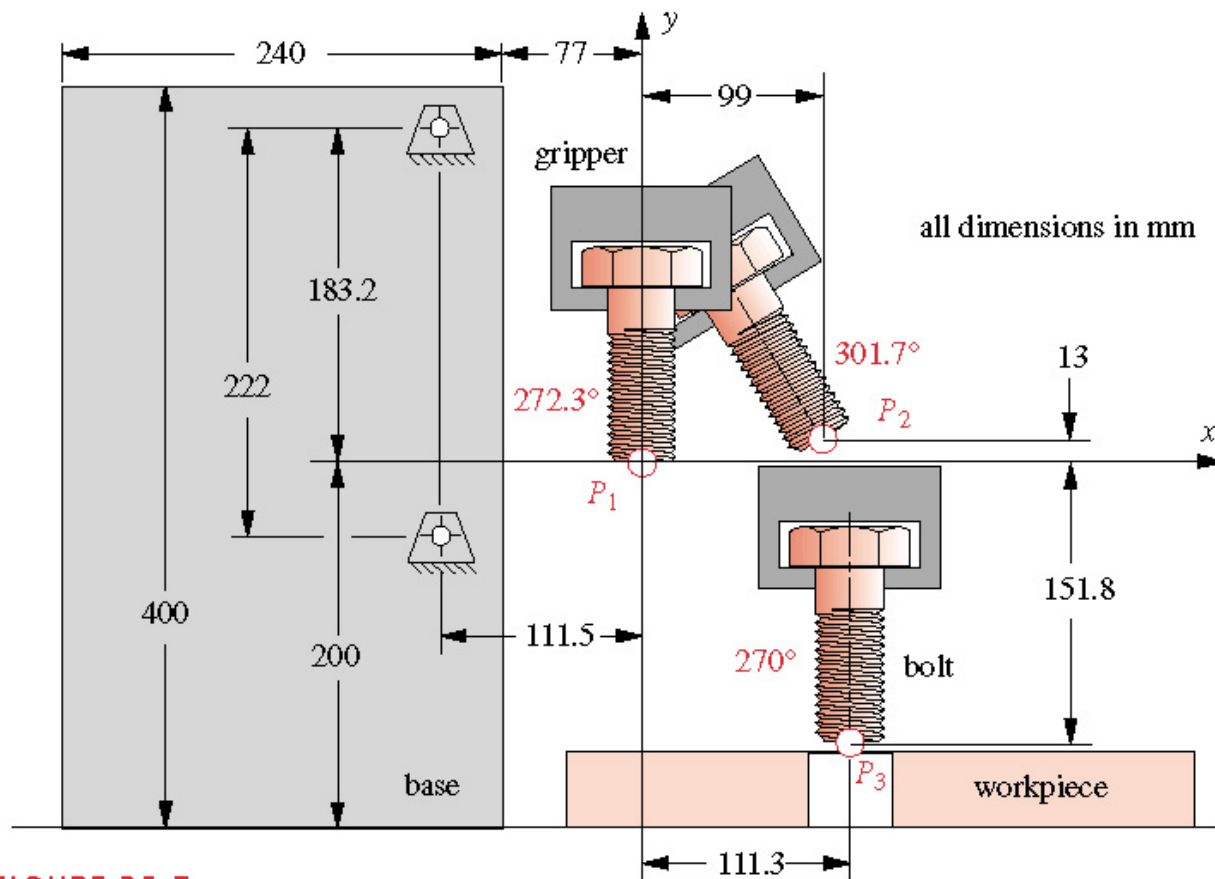b. Using the program that you developed in class, verify the correctness of your solution.

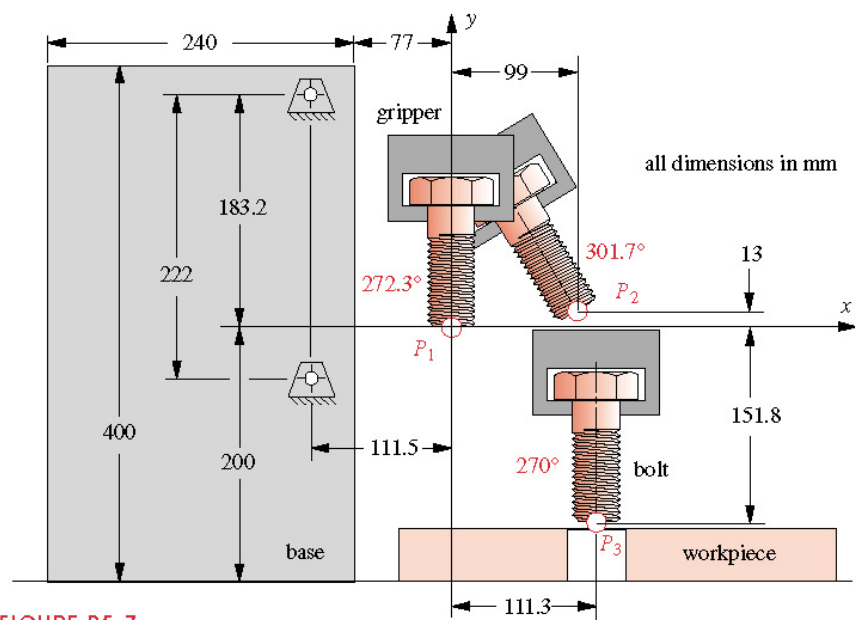all dimensions in mm

FIGURE P5-7

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