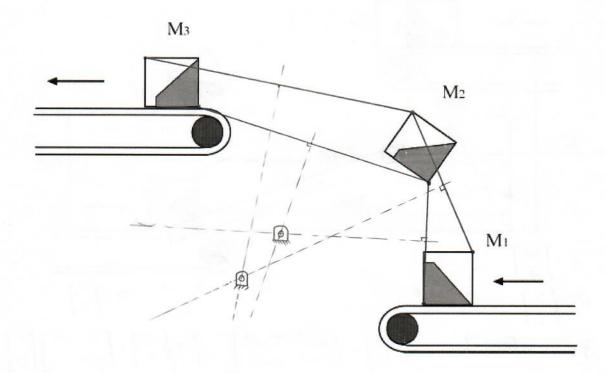
(40 points) Graphical synthesis in the plane: Design a four-bar linkage to move the object through the three positions shown in the figure. Pick moving pivot A in the dark corner and moving pivot B in the opposite corner.



(60 points) Algebraic synthesis in the plane: Design one RR chain (ONLY ONE) to move the block from position 1 (M1) to position 3 (M3) (Consider only two positions, M1 and M3). Select moving pivot a = (1,0) (with respect to the moving frame depicted in Position 1).

1. 0x =12.2