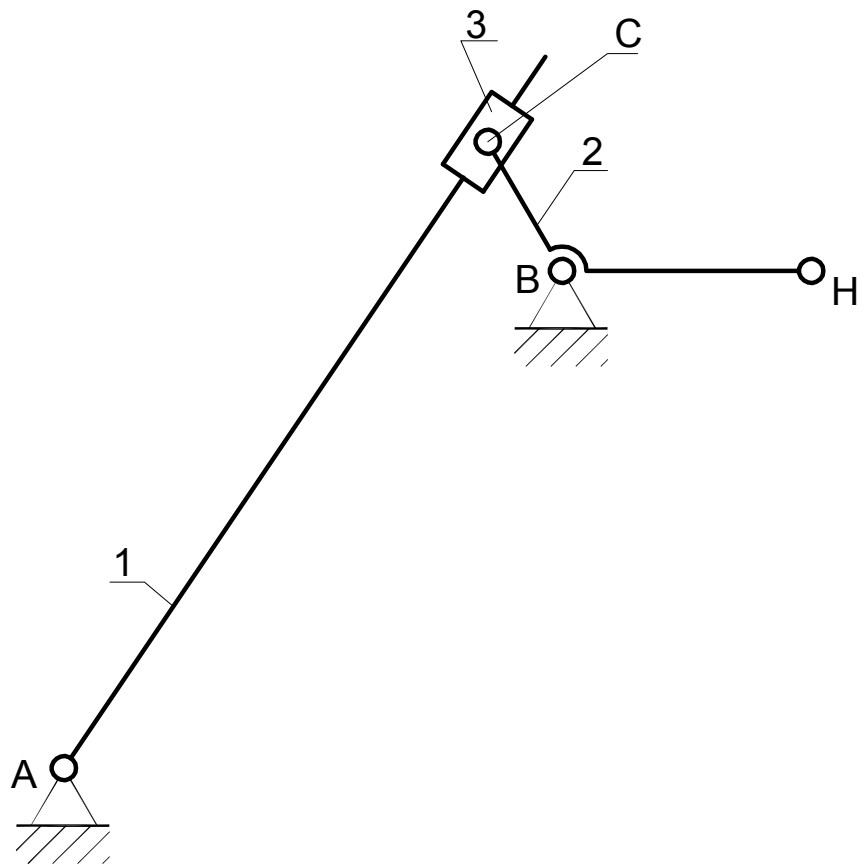
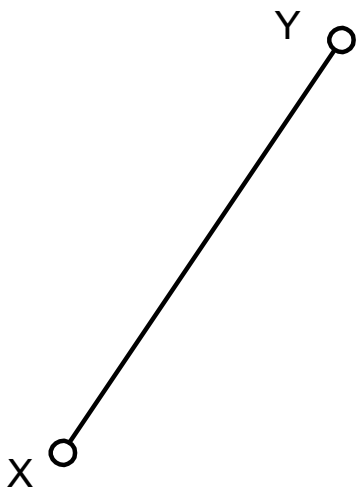
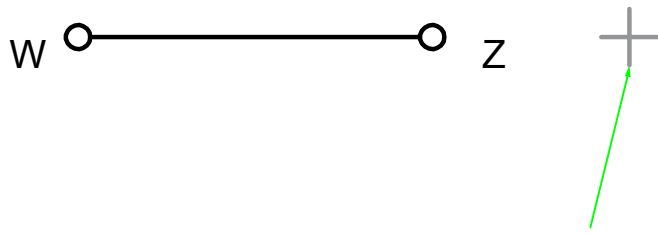


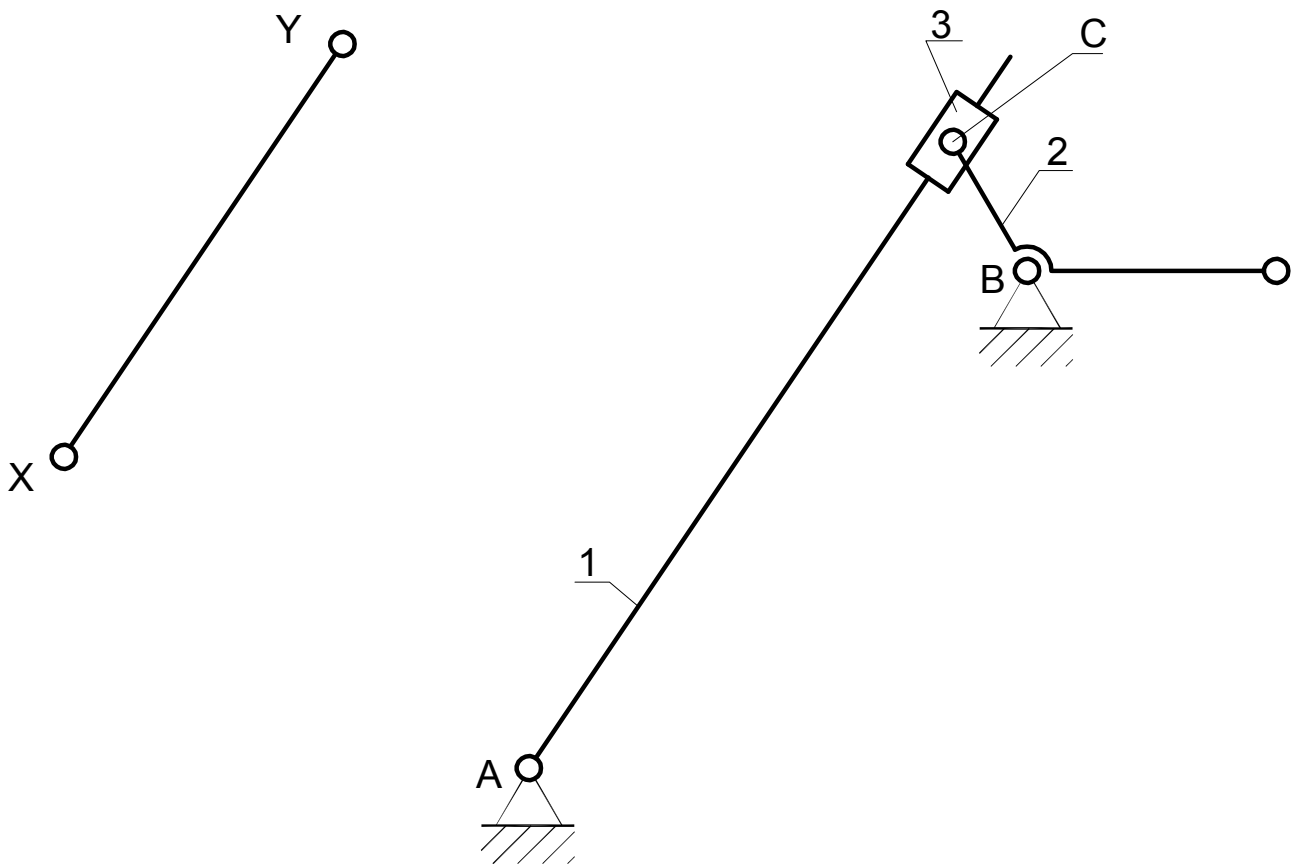


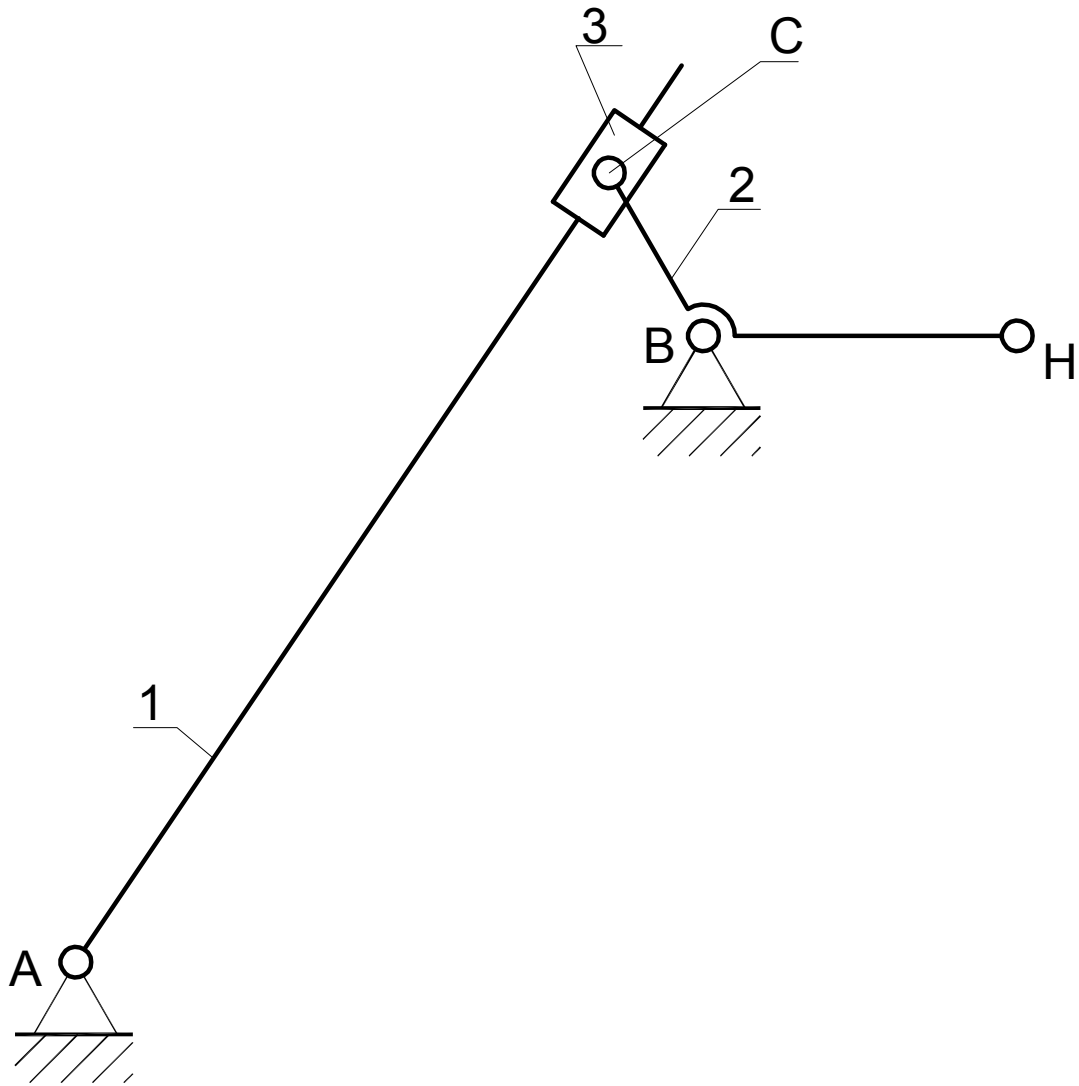
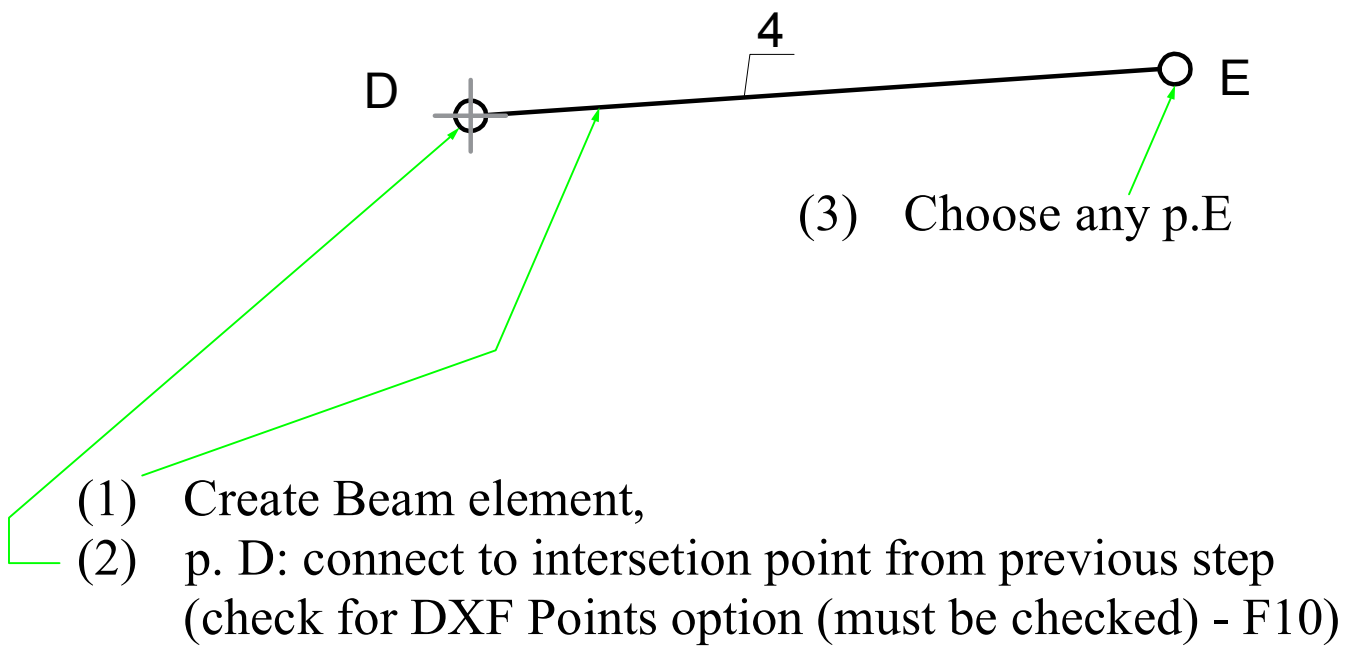
- (1) Create Beam element (temporary),
- (2) p. W: Node properties - Cartesian absolute (use any x coord. and  $y_D$ )
- (3) p. Z: Node properties - Cartesian absolute (use any x coord. and  $y_D$ )

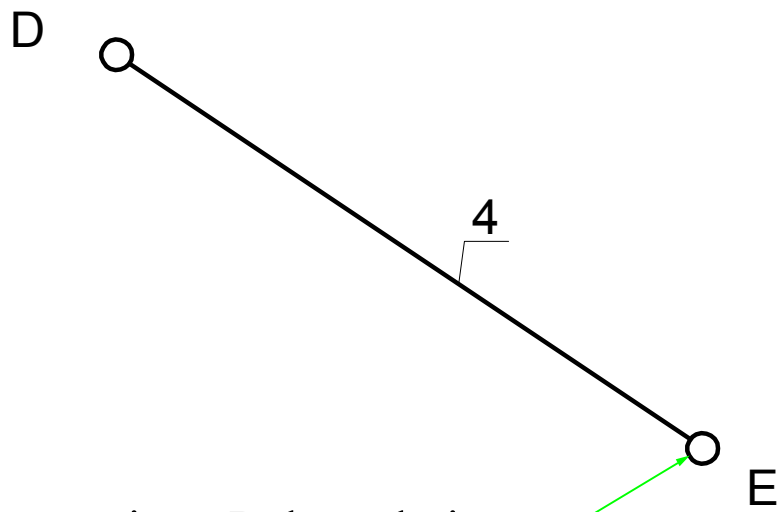




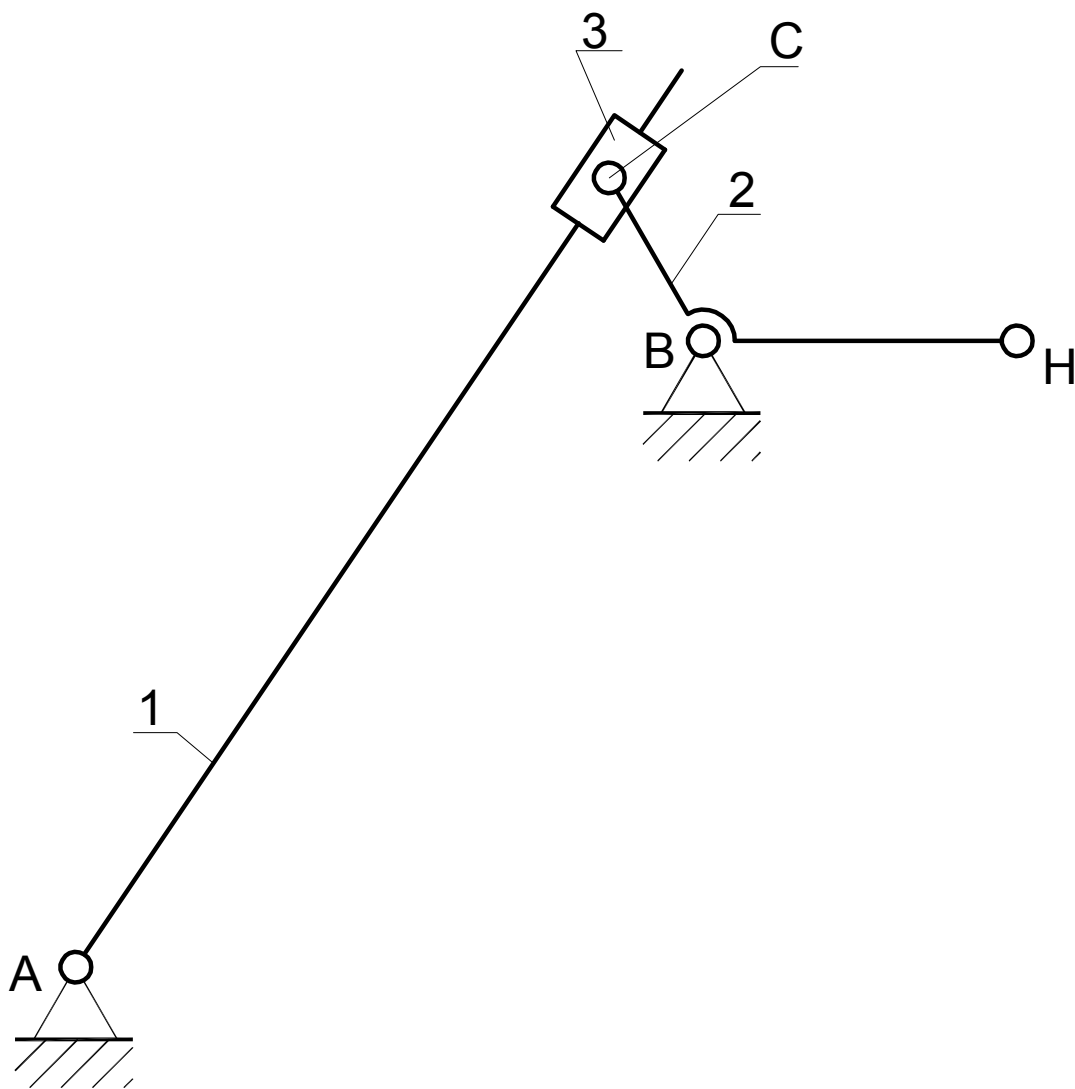
Create intersection point: Graphics -> Intersection  
(select temporary Beam elements)  
then delete temporary Beam elements



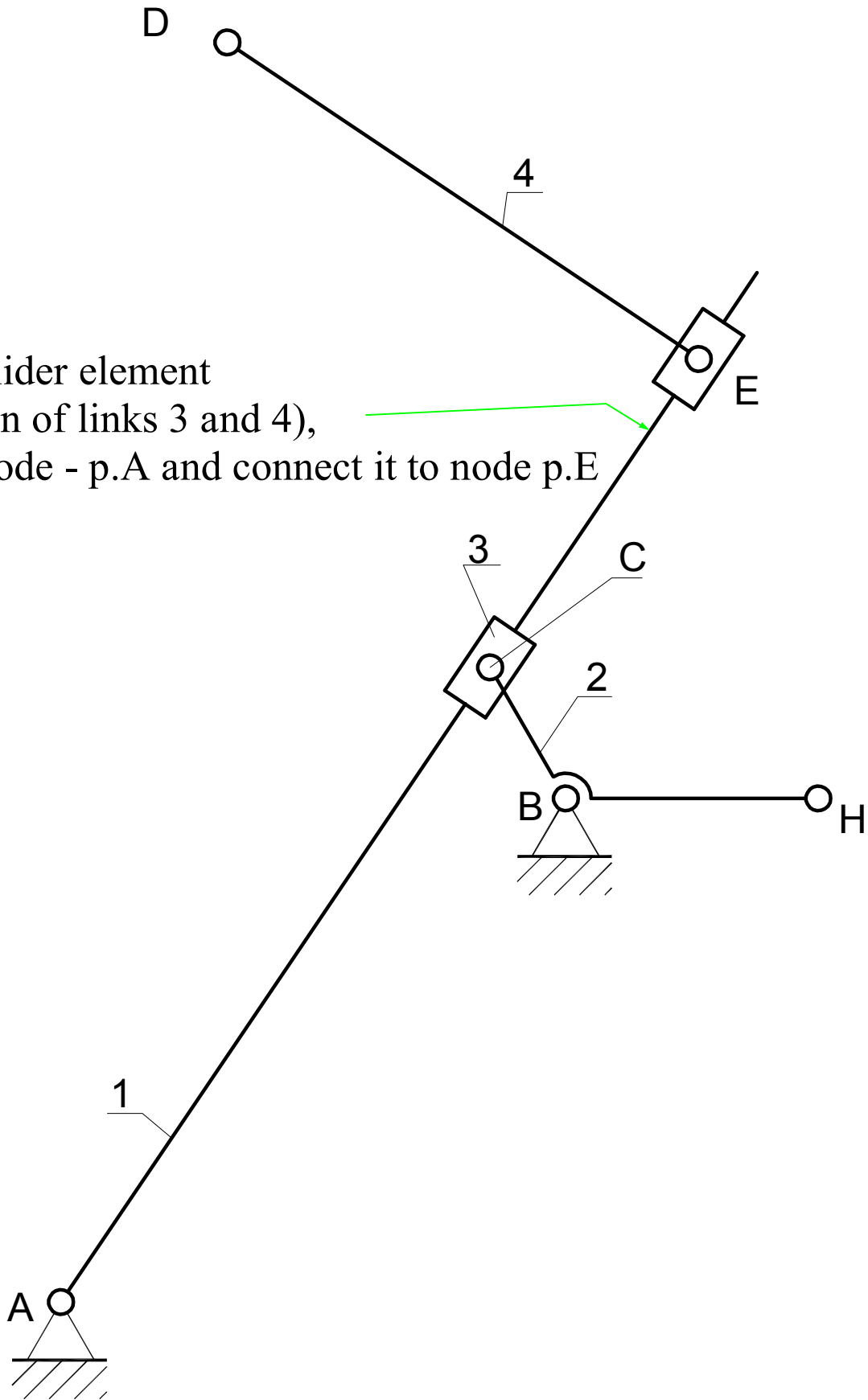


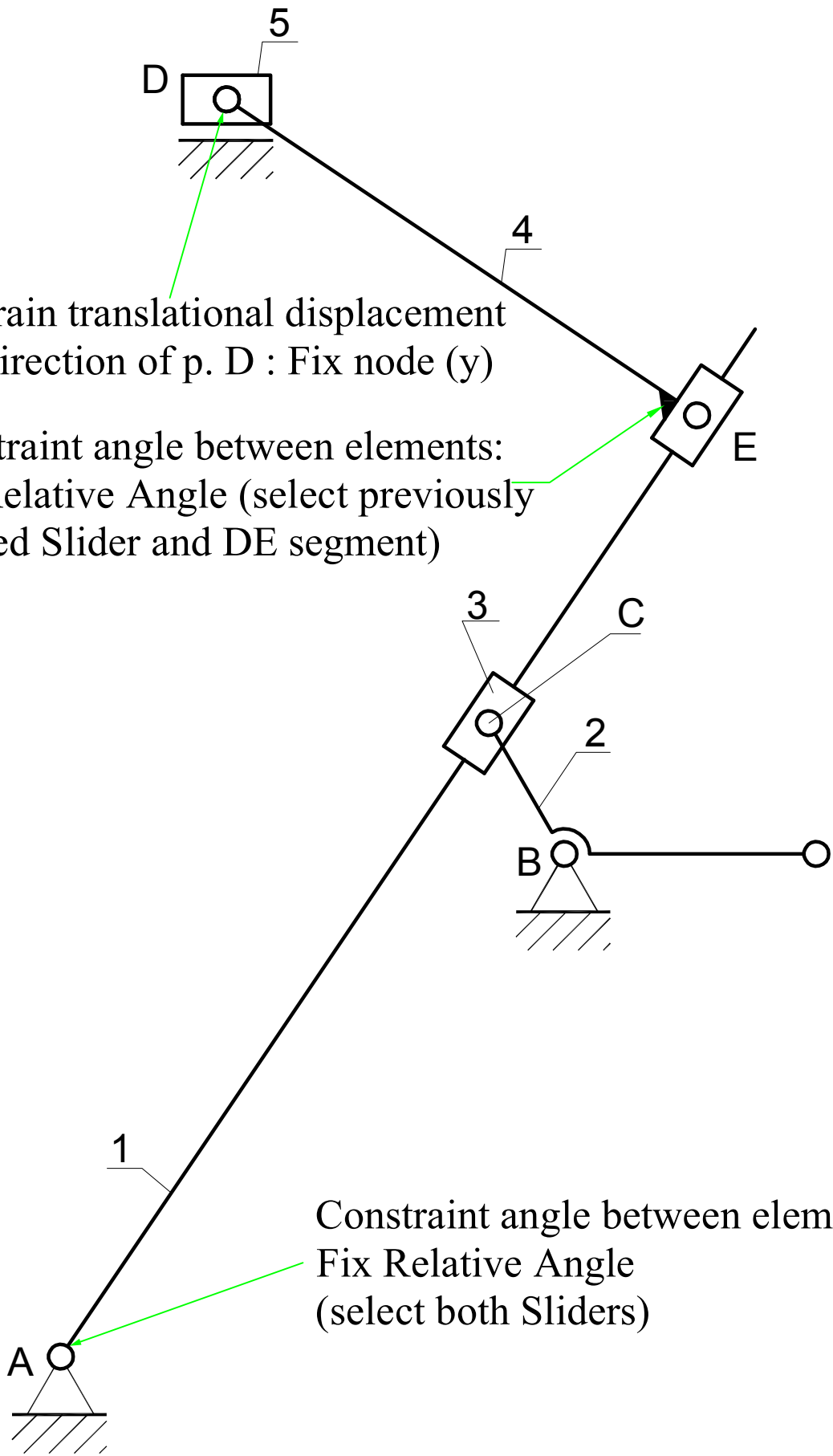


p.E: Node properties - Polar relative  
 (use h dimm.,  $\alpha+270^\circ$  angle relatively to node p.D)



Create Slider element  
(extension of links 3 and 4),  
start in node - p.A and connect it to node p.E

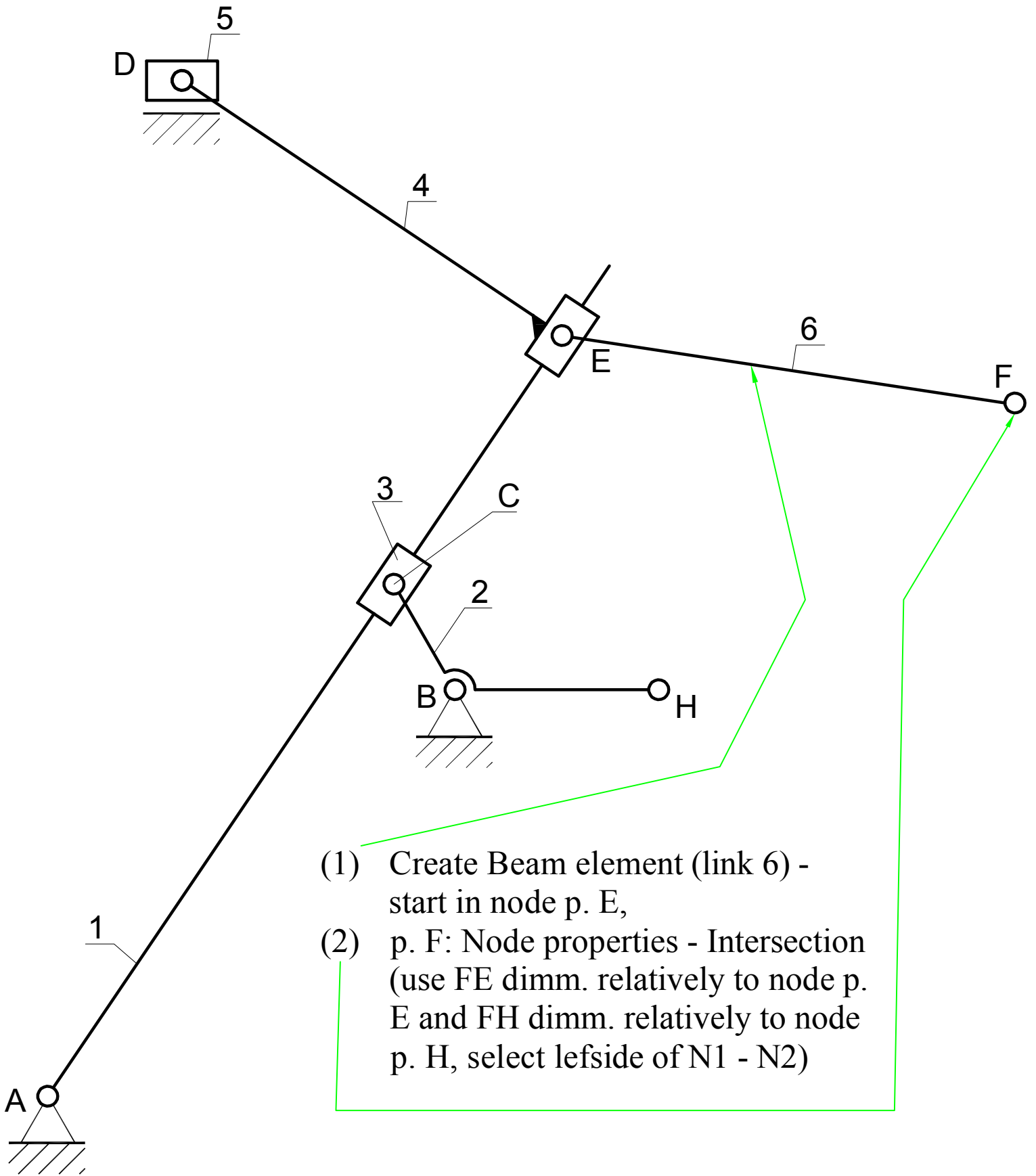




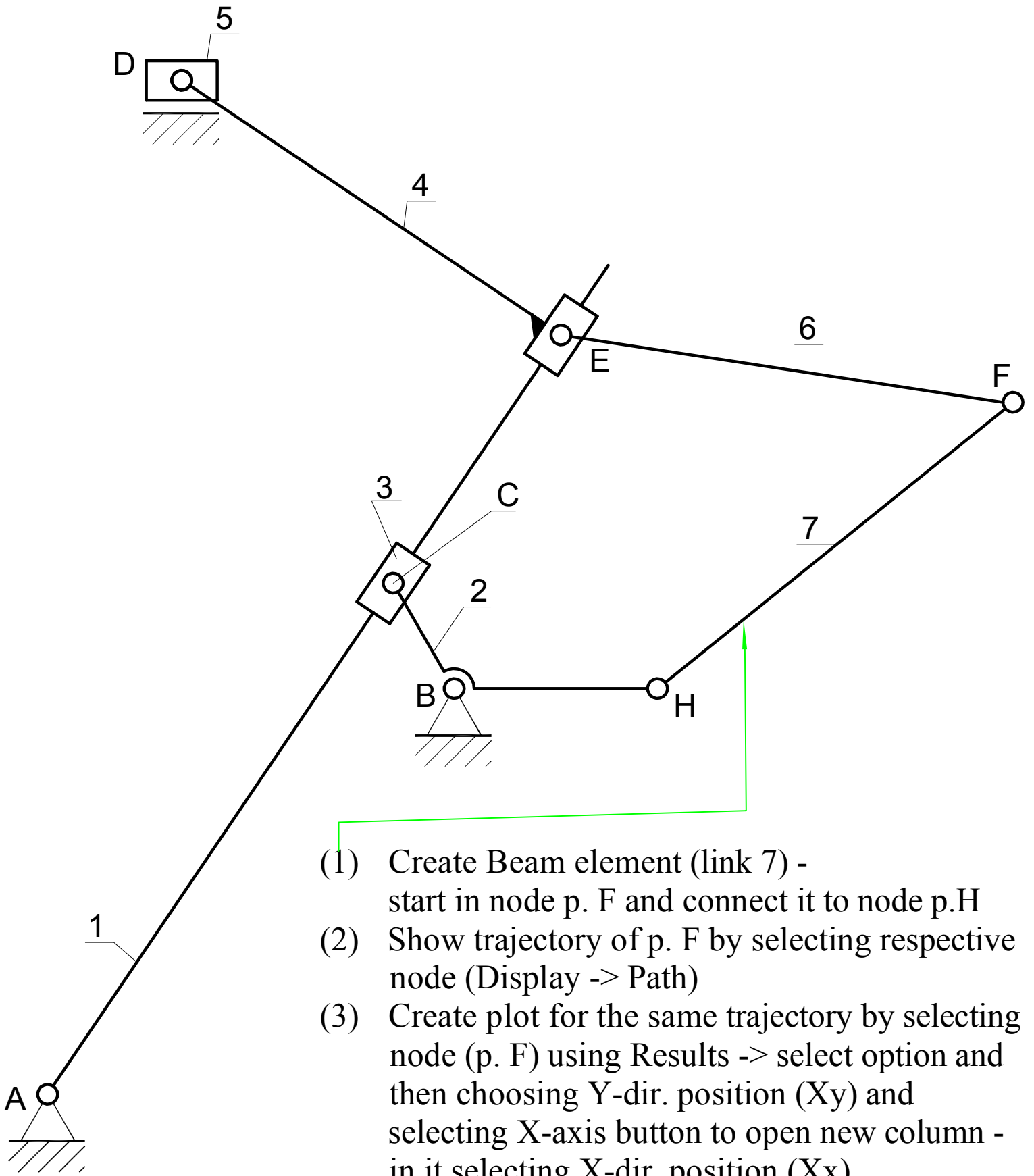
Constrain translational displacement in Y direction of p. D : Fix node (y)

Constraint angle between elements: Fix Relative Angle (select previously created Slider and DE segment)

Constraint angle between elements: Fix Relative Angle (select both Sliders)







- (1) Create Beam element (link 7) - start in node p. F and connect it to node p.H
- (2) Show trajectory of p. F by selecting respective node (Display -> Path)
- (3) Create plot for the same trajectory by selecting node (p. F) using Results -> select option and then choosing Y-dir. position (Xy) and selecting X-axis button to open new column - in it selecting X-dir. position (Xx)