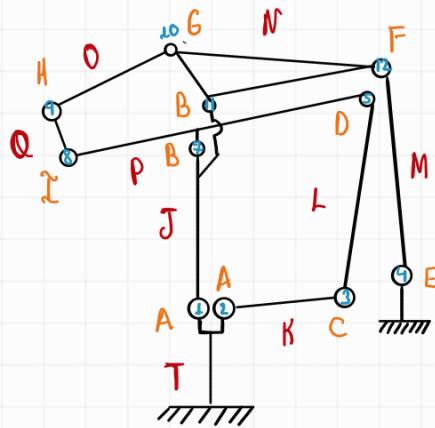


LUIS ALEJANDRO RODRIGUEZ ARENAS

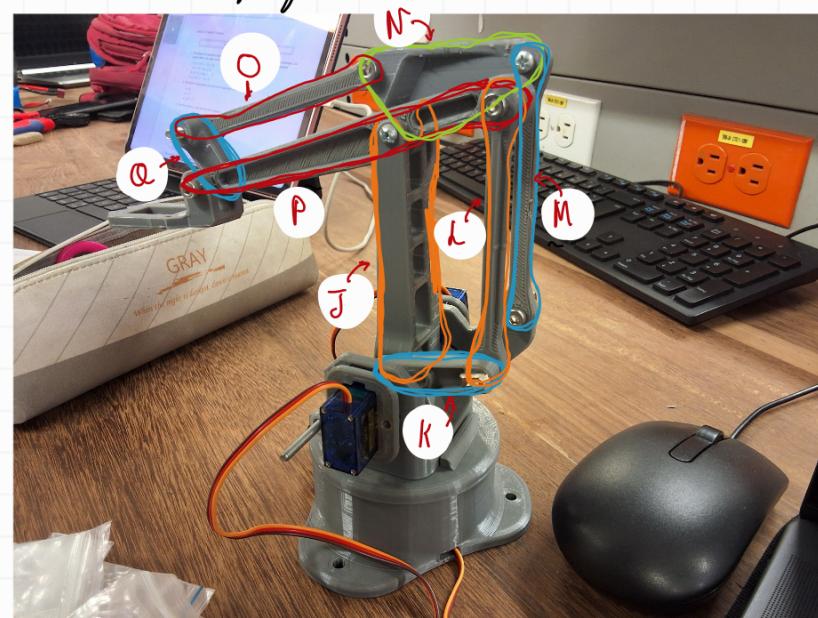
COD. 202321287

PROBLEM SETS



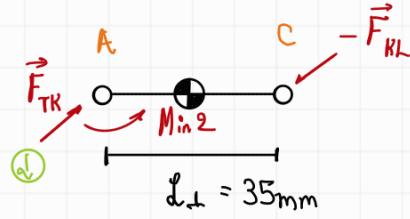
$$M = 3(8) - 2(11) \\ M = 24 - 22 = 2 \text{ DOF}$$

Numeración de piezas

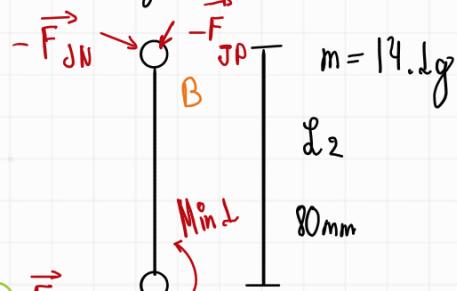


Vamos a hacer DCL de una vez

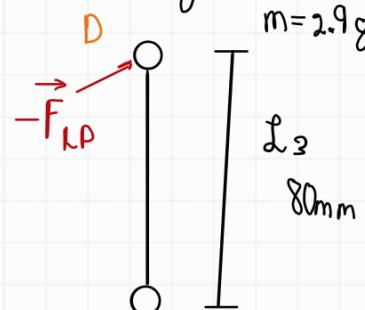
DCL Pieza K (AC)



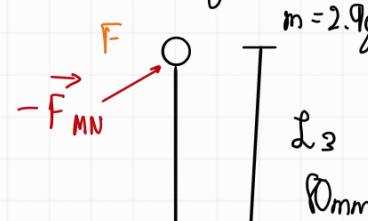
DCL Pieza J (\overline{AB})



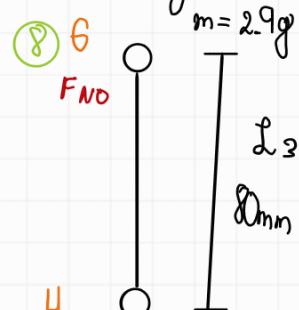
DCL Pieza L



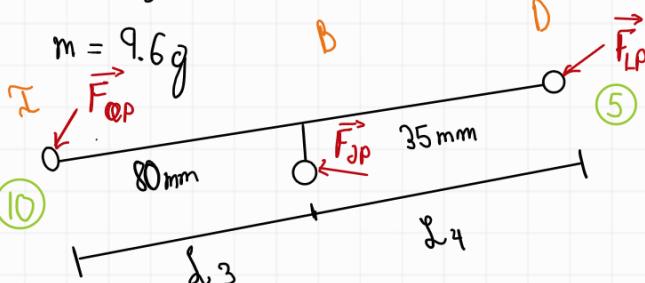
DCL Pieza M



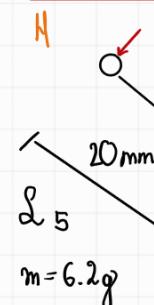
DCL Pieza O



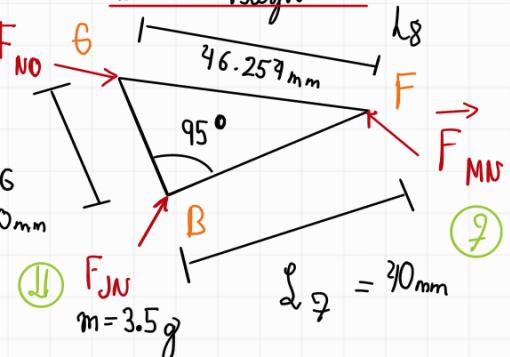
DCL Pieza P



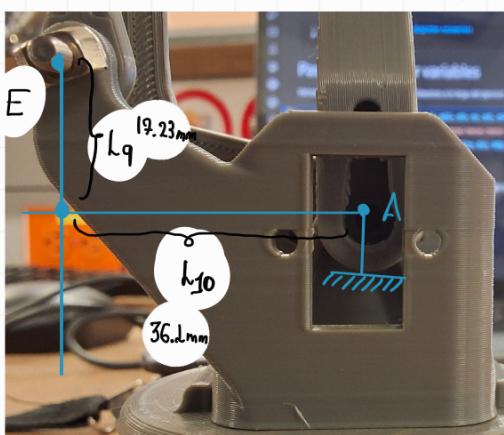
DCL Pieza Q

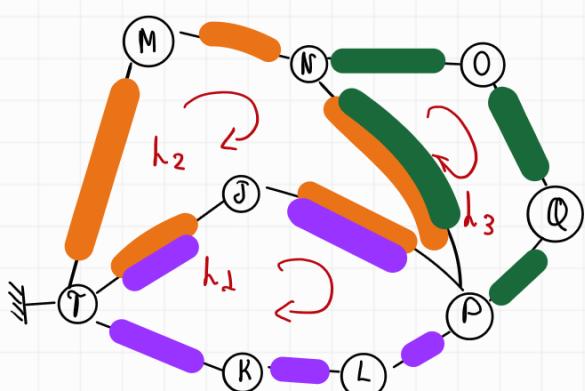
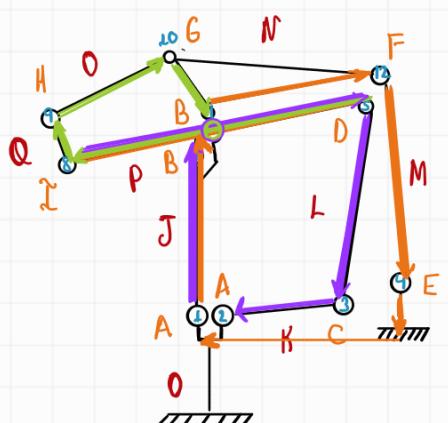
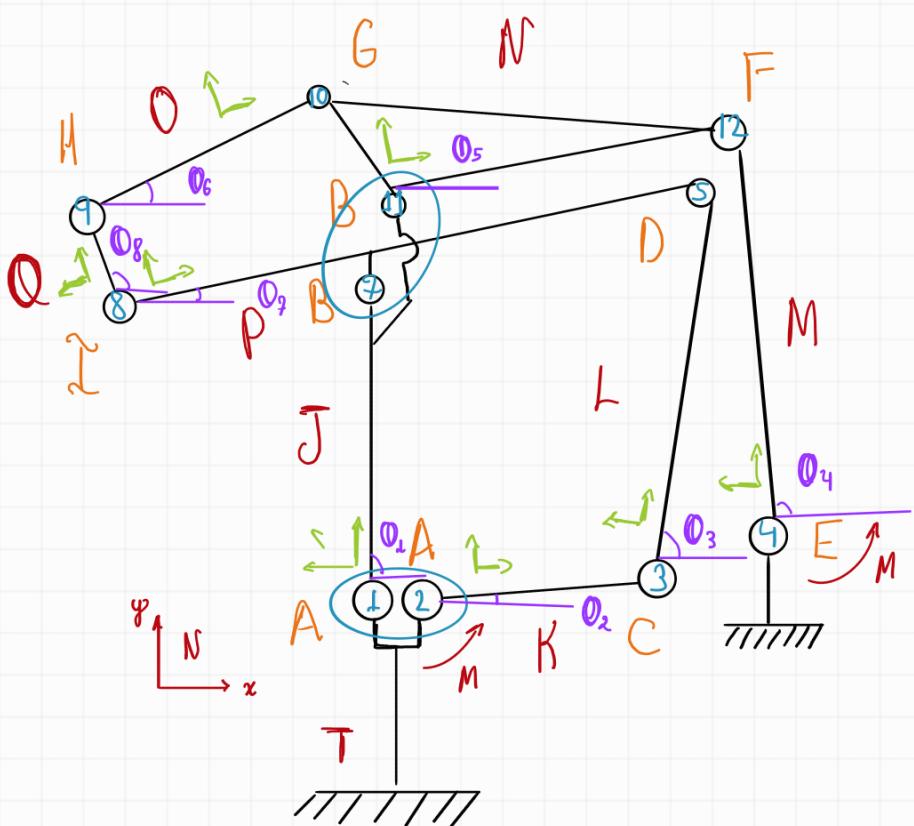
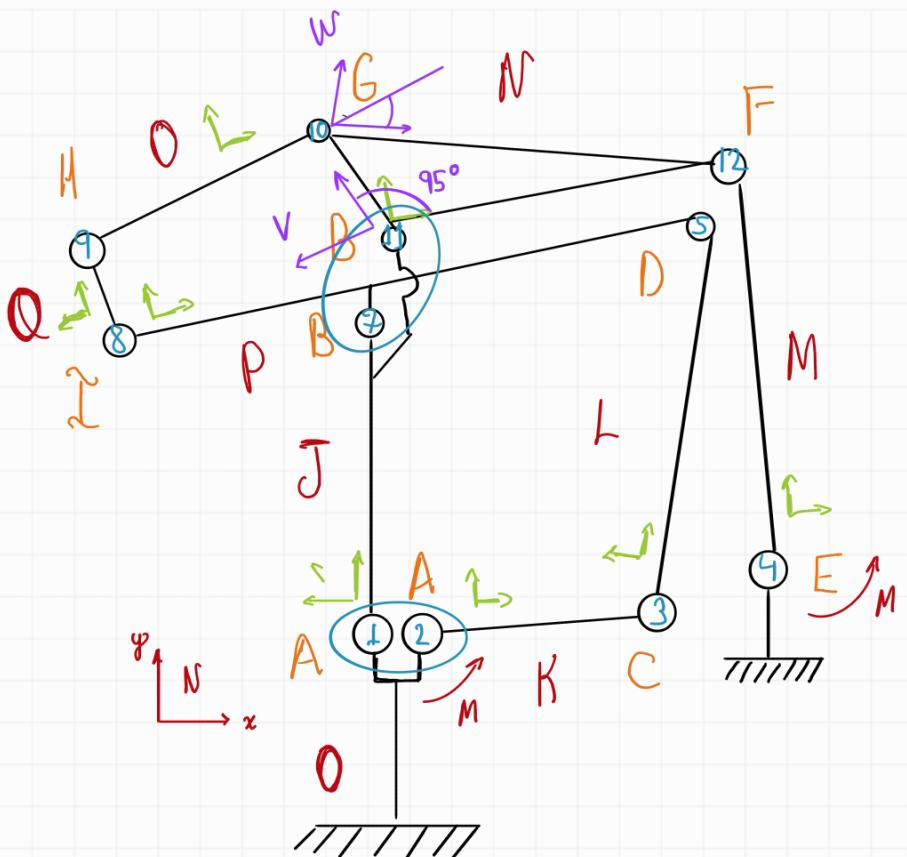


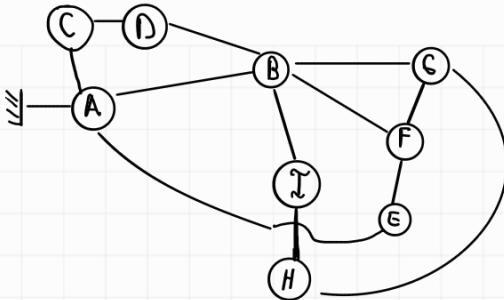
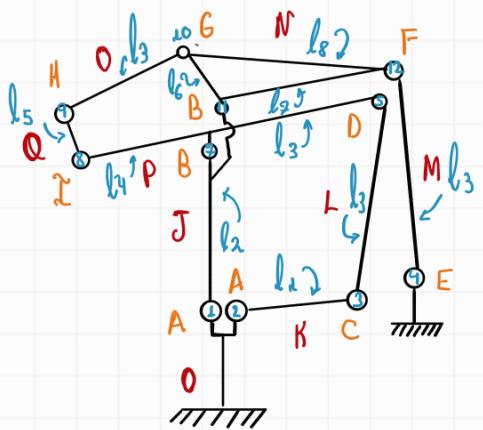
DCL Pieza N



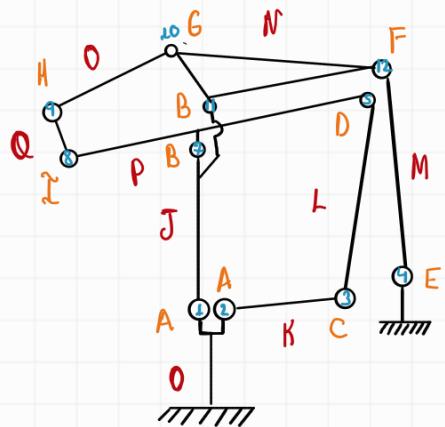
Adicionalmente necesitamos la locación del punto E en el espacio







Dinámica Lluenga



Cuanto para Newton - Euler

Tenemos 8 cuerpos, luego son $8 \times 3 = 24$ ecuaciones

Thus obtenemos ~~24~~ 24 incógnitas, 2 de ellas son los momentos M_{in1} y M_{in2} , luego quedan 22 incógnitas, osea ~~11~~ 11 fuerzas (Reacciones)