

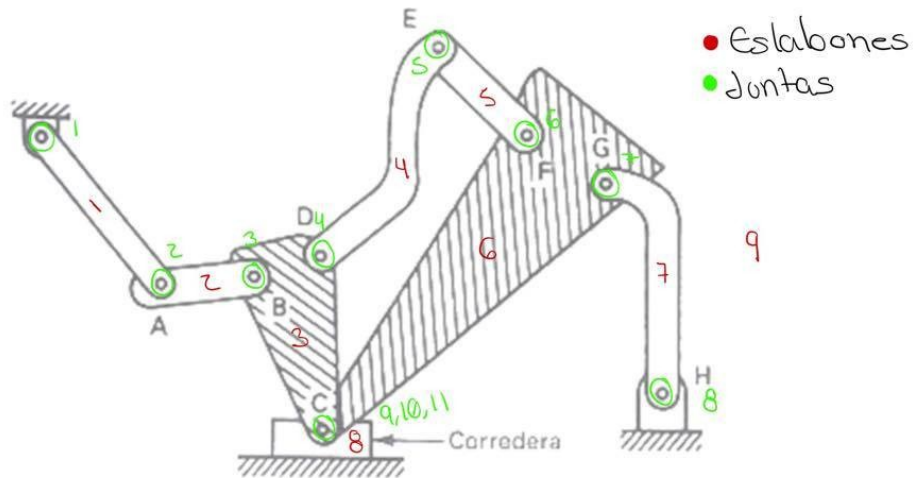
Celaya González David Alejandro

Calcula los grados de libertad de los siguientes mecanismos empleando la ecuación de Grübler-Kutzbach

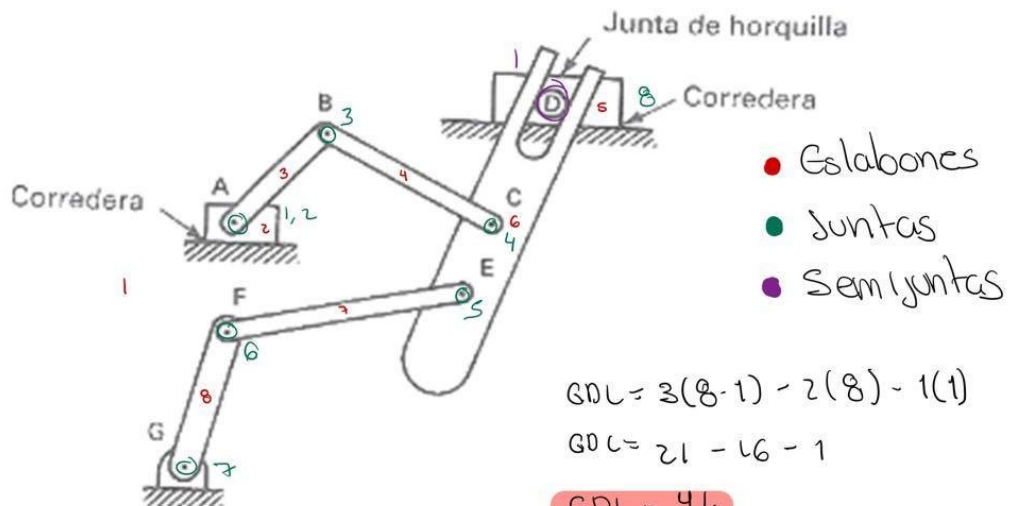
$$GDL = 3(9-1) - 2(11)$$

$$GDL = 24 - 22$$

$$GDL = 2$$



Mecanismo 1



$$GDL = 3(8-1) - 2(8) - 1(1)$$

$$GDL = 21 - 16 - 1$$

$$GDL = 4$$

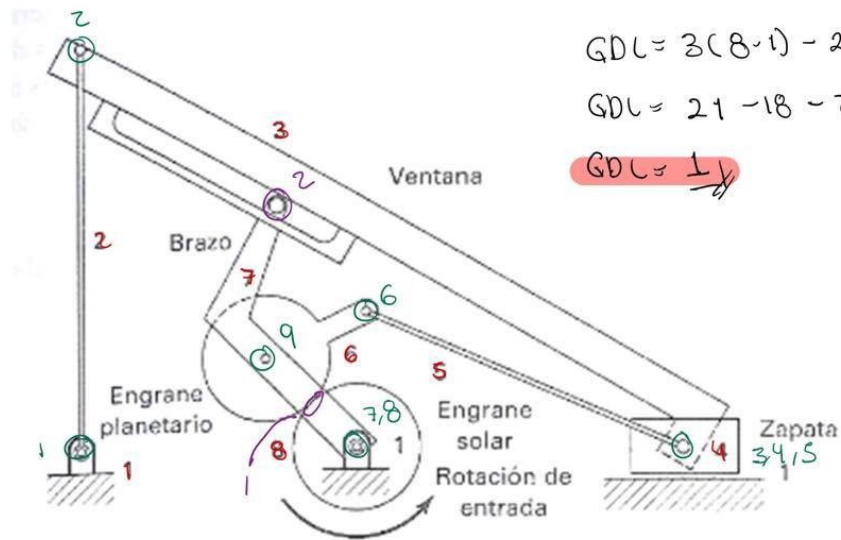
Mecanismo 2

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● Eslabones

● Juntas

● Semijuntas



$$GDL = 3(8-1) - 2(9) - 1(2)$$

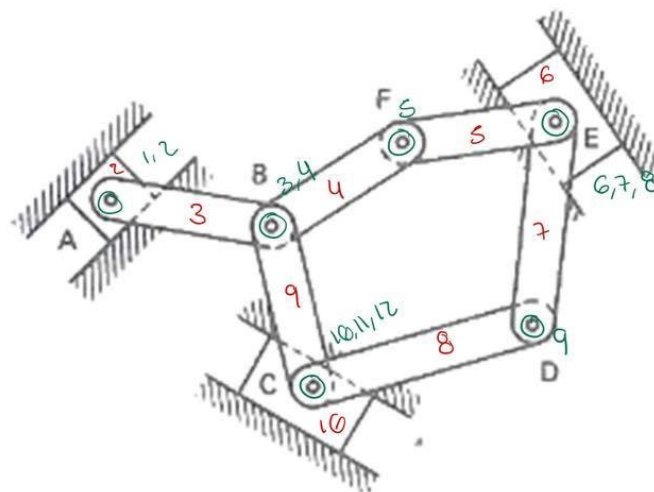
$$GDL = 21 - 18 - 2$$

$$GDL = 1$$

Mecanismo 3

● Eslabones

● Juntas



$$GDL = 3(10-1) - 2(12)$$

$$GDL = 27 - 24$$

$$GDL = 3$$

Mecanismo 4