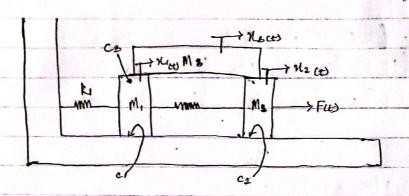
il Crive a mechanical System, resolve the form of the block diagram of calculate The transper punction.



write The equation of motion That relate them together.

-> May Mi

Connected to motion Mics - between mi and ma Macs -

Sum of Impodances

New Sum of applied

Force at M.

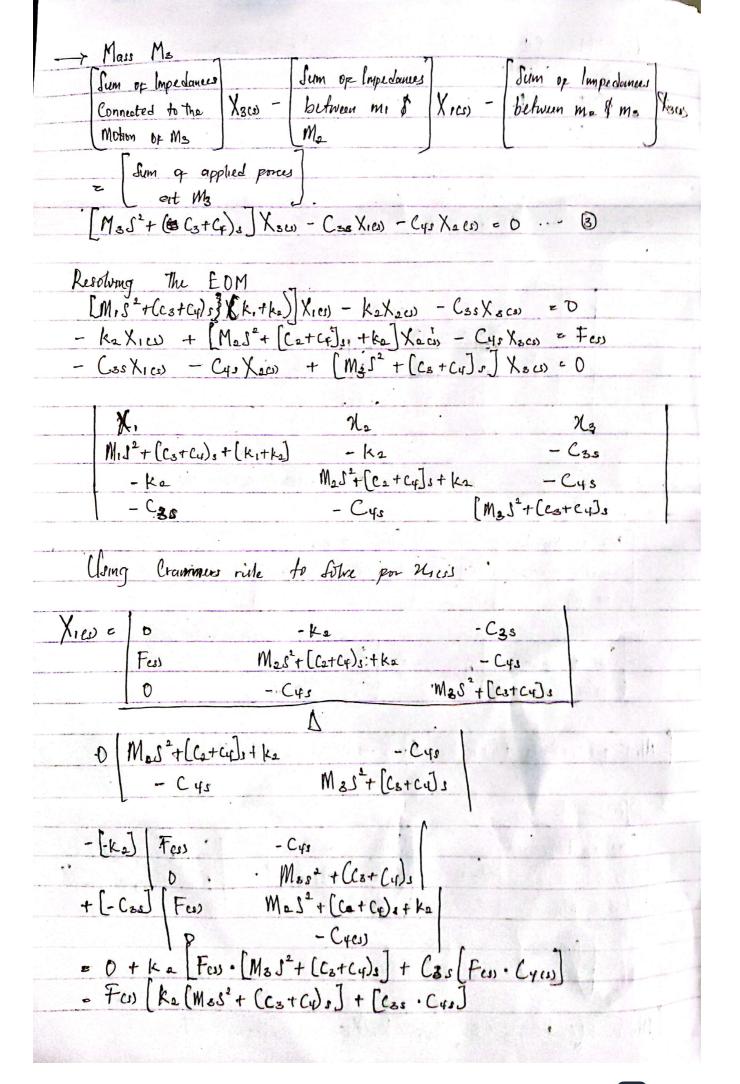
[Mis2 + (ci+C3) + (ki+k2) Xico - kexzco - C3 xxsco = 0

-> MASS Ma

Connected to the X2cs) - Sum of Impedances | Sum of Impedances | Sum of Impedances | between M1 and - between M2 and M3 %:

Z Sum of applied porces at ma

[Mes + (c2+C4), + k2] Xew - K2 XICO) - C40 X800 & For @



XICS) = FCD [K2 [M&S + (Cs+C4)] + [Czs+C4s]

XICS) = K2 [M&S + [Cz+C4]] + (Czs-C4s)

FCD

A