Mexanura. Domannee zaganne n 1 Compy uxunoit $K_1=k_2$ $K_2=k_1$ $K_3=k_2$ $K_4=k_1$ $K_4=k_1$ $K_4=k_1$ $K_4=k_2$ $K_4=k_1$ $K_4=k_2$ $K_4=k_1$ $K_4=$ 2my = k2 (x-y)-k2 (y-2) =) y = KX - 2ky + k7 m2 = K2 (4-2)-k12 det (AE-A) = 23-1222w2+412w4-30w6= $= (\lambda - \omega^2)(\lambda - S\omega^2)(\lambda - 6\omega^2) \qquad \omega^2 = \frac{k}{\hbar}$ $\lambda_1 = \omega^2$; $\lambda_2 = 5\omega^2$; $\lambda_3 = 6\omega^2 - 6ce \cos \cos between gnarening some of (xopowo)$ Jung Dom EN The - Hopmanenas raisova (1) Junion On Onmil W2 = 15k - Hopmannas 2. $A - 5\omega^2 E = \frac{k}{m} \begin{pmatrix} 0 - 2 & 0 \\ -1 - 3 - 1 \\ 0 - 2 & 0 \end{pmatrix} V_z =$ (-1) Jamon On Onne Vi coswit. Vi in wit- 1ge i = 41,2,34 Bamerun, uno cuerema zagaera no morkaul An B, koropine naxogette 60 bjanuno ognoznovnom coorbercion c grunamu X 4 4, ctod= 1-4, rge l-cropona ubagnova (cepris s) xctgd=l-y=>[y=l-xctgd], l=const martim, y energena I comenens chorogon. Cucmeins ynabrenin: Mij = Mg + Nsin x - T = 0 (2) quale ne baneur ky & | Mx = H'cost (1) y=l-xctgd y =- x etgd (*) Epycon (mizk-Nsincosd = 0 (3) Imy = -mg + Nsind (4) (*) 4 (4): my = - mx etgd = +mg+Nsind= N (sindM+m cosd ctgd) = mg N= Mmg 1) N cos d = mg cosd

M = sindM+m cosdetgd = tgdM+ metgd and Mtm cost ctgd = -g+ Nind = -g+ Mgsind = -g+ Mgsind = -g+ Mg

M+mcbgid = -mgctga

M+mcbgid = -mgctga tgdM+metgd > y = mgctgd
M+motor



