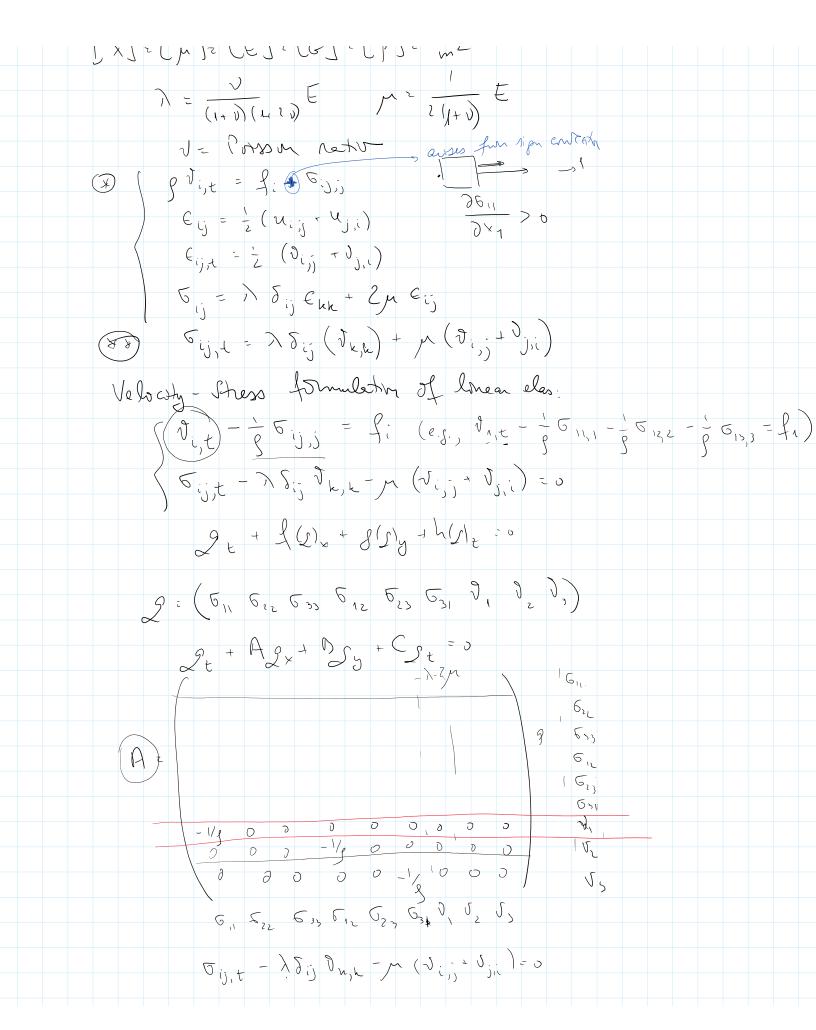


Eine (Completely and - symmetric) Leis-Cinte Lusa Eight of any repealed index Ui = Eijh Jj Nu Con Uz J x W ~ = √×û => €;je λk,j = ω; Knematico. D. (t,x) = Vijt (t,x) I (t, x) - lograngean coordonales,, Villix) is velocity of paticle nitially at position x in the reference configuration. Stan lever $E_{ij} = \frac{1}{2} \left(u_{i,j} + u_{j,i} \right)$ (in vec. not: E = \frac{1}{2} (VU + VU) Dynamios: Pui, tt - Pli, t = f: + 5-5, Constitutor law in General: rector form 5 = C: E C= 4-ranh lenson Gij = Cijhe Ehe Hooke's law 6; = > Si, Exx + 2m Ei; (), m) -- 1st, 2nd lane parametass [X] z [m] z (E] z [G] z [P] z mz



9 + As + Bs + Cs = 2 F-(A, D, C) Ar=3r = edgensystem > 1) P-wares (logitudinal wates) (forward & hackword) (12) S-waves (shear waves) (-11-, along carrolly 6 puragety wato 3 non-margety waves $C_{p} = \sqrt{\frac{\lambda+2m}{q}} > C_{s} = \sqrt{\frac{m}{q}}$ Smensmel hungenedy (Nm)] = (sm m) = m / g + J. 7g = 0 すいかってん Choose a projection derection n' [h, ny, ne) 2+ + (J. n) 2 n = o moject en d consulct en.

