Jump Conditions. (N, N2) be The normal to interface in the physical N, VIE + N2 V2= N, VIE + N2 V2I Dynamic =>

Solid traction = t = pr. ? $\frac{1}{t} = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \frac{1}{(1+f_y)^2} \frac{1}{(1+f_y)$ Tz = B P12

 $\overline{\xi}_1 = -\frac{1}{\sqrt{2}} P_{11}$ Cose $\frac{1}{2} = -\frac{1}{2} P_{12}$ ges fluid traction = - np (outword normal
for fulld) $-P = n_1 + n_2 + n_2$ $o = n_z t, -n_i t_z$

 $p_1(\overline{V}_1-V_1)+N_2(\overline{V}_2-V_2)$ $= \frac{7}{5} + \left(n_{1} + n_{2} + n_{2} + 2p\right) \frac{7}{5} + \left(n_{1} + n_{2} + n_{2} + 2s\right) \frac{7}{5} \frac{1}{5}$ $-P_{3} = \frac{-\beta}{(c_{x}^{2} + c_{y}^{2})^{4}} \left[n_{1} \left(\tilde{P}_{11} + \rho_{0} c_{p} z_{1p} z_{p} + \rho_{0} c_{z} z_{1s} z_{s} \right) + n_{2} \left(\tilde{P}_{12} + \rho_{0} c_{p} z_{2p} z_{p} + \rho_{0} c_{s} z_{1s} z_{s} \right) \right]$ = -(p - paz) $-\frac{\beta}{\beta_{11}}(n,\hat{P}_{11}+n_2\hat{P}_{12})+p=pa\xi$ + B (Po Cp (n, 2,p + Nz 22p) 3p + Po Cs (n, Z15 + n2 Z25) {s}

 $\frac{-\beta}{(x^2+\zeta_q^2)^{4n}} \left(\frac{2}{n} + \rho \zeta_q t_{1p} \xi_p + \rho \zeta_s t_{1s} \xi_s \right)$ - N, (P, 2 + popty &p + (ocs 725 {s)) $-n_{2}\tilde{P}_{11} + n_{1}\tilde{I}_{12} = \rho_{0}c_{p}(n_{2}z_{1p} - n_{1}z_{2p})\beta_{p}$ $+ \rho_{0}c_{s}(n_{2}z_{2s} - n_{1}z_{2s})\beta_{s}$ $\frac{1}{2} \frac{2np}{\sqrt{c_s^2 c_s^2 c_s^2 c_s^2}} = \frac{2np}{\sqrt{c_s^2 c_s^2 c_s^$ PoG 2tg (0 Cs 2ts.) | 3.

Maple gives = XWPWs(Zpn Zst - ZsnZpt) DV Xwqws () - wws Zgn Zst + wwp Zsn Zpt. (Zsn Zpt Wp - Zpn Zst Ws) DP. where $\omega = 10$, $\omega_p = f \circ C_p$, $\omega_s = f \circ C_s$ Epn = n, Zip + Nztip Zpt = 12 Zip - 1, Zzp etc. $\Delta V = n, (\overline{V}, -V,) + Nz(\overline{V}z - V_U)$ DP = - x (n, P,1 + nz P,2) + P.

 $n_{1}(\bar{V}_{1}+\bar{s}_{p}\bar{z}_{1p}+\bar{s}_{s}\bar{z}_{1s})+n_{2}(\bar{v}_{2}+\bar{s}_{p}\bar{z}_{2p}+\bar{s}_{s}\bar{z}_{2s})$ $N_1(\overline{V}_1-\overline{V}_1)+N_2(\overline{V}_2-\overline{V}_2)$ = } - (n, Zip + ne Zzp) &p - (n, Zp is + nz Zzs) }s -PI = - (p-pas/ $\frac{1}{r}\left(n, \hat{P}_{11} + n_L \hat{P}_{12}\right) + p = pas.$ - fa (same) 1) Some.