reflected, transmitted Chapters Inormal incidence = Di= Or= Di= O = Ei= & Eije +12, Er= & Fire +12, Vi= di+jB, So H, = g(Eije -12- Eije +12) 1 The control of the c Normal incidence w/conductor = T=0 & [=-1 = E.(+)=x32Ei15in(B,+), H,(+)=92Etcos(B,+) - Br,= 1/2 Re(E.(+) x H,(+)*) E,(2,t)=- & ZEITSIN (B,2)SIN (Wt) // E2(2)= & TEI, e 52 H2(2)= &T(16) E, e -1/22 $T = \frac{1+j-\sigma_2}{1+j+\sigma_2}\frac{\delta_2}{\delta_2}\frac{1}{\delta_2}; T = \frac{2(1+j)}{\delta_2}\frac{1}{\delta_2}\frac$ oblique Trailence A_{1} A_{2} A_{3} A_{4} A_{5} A_{6} $A_$ $\frac{1}{4} = \frac{1}{2\cos\theta_{i}} - \frac{1}{2\cos\theta_{i}} - \frac{1}{2\cos\theta_{i}} = \frac{1}{2\cos\theta_{i}} - \frac{1}{2\cos\theta_{i}} = \frac{1}{2\cos\theta_{i}} + \frac{1}{2\cos\theta_{i}} = \frac{1}{2\cos\theta_{i}} + \frac{1}{2\cos\theta_{i}} = \frac$ Pacific polarization $\rightarrow E_{\Gamma}(\chi, z) = E_{IL}(-\hat{\chi}\cos\theta_{i} - z\sin\theta_{i})e^{-jB(\chi\sin\theta_{i} - z\cos\theta_{i})}$ & $H_{\Gamma}(\chi, z) = \hat{J}(E_{\Gamma}(\chi_{i}))e^{-jB(\chi\sin\theta_{i} + z\cos\theta_{i})}$ & $H_{\Gamma}(\chi, z) = \hat{J}(E_{\Gamma}(\chi_{i}))e^{-jB(\chi\sin\theta_{i} + z\cos\theta_{i})}$ & $H_{\Gamma}(\chi, z) = \hat{J}(E_{\Gamma}(\chi_{i}))e^{-jB(\chi\sin\theta_{i} + z\cos\theta_{i})}$ $\int_{\parallel} = -\frac{E_{\Gamma_{1}}}{2\Gamma_{2}} = \frac{1_{2}\cos\theta_{c} - 1_{1}\sin\theta_{c}}{1_{2}\cos\theta_{c} - 1_{2}\sin\theta_{c}}$ $\int_{\parallel} = -\frac{E_{\Gamma_{1}}}{2\Gamma_{2}} = \frac{1_{2}\cos\theta_{c} - 1_{1}\sin\theta_{c}}{1_{2}\cos\theta_{c} - 1_{2}\cos\theta_{c}}$ $\int_{\parallel} \frac{E_{c}}{2\Gamma_{2}\cos\theta_{c}} = \frac{2\Gamma_{2}\cos\theta_{c}}{1_{2}\cos\theta_{c}}$ $\int_{\parallel} \frac{E_{c}}{2\Gamma_{2}\cos\theta_{c}} = \frac{2\Gamma_{2}\cos\theta_{c}}$ $\int_{\parallel} \frac{E_{c}}{2\Gamma_{2}\cos\theta_{c}} = \frac{2\Gamma_{2}\cos\theta_{c}}{1_{$ total int ret = = -1 T=1 at 0 = 90 = sin 0 = ME1 sin Ai