Oblique incidence tx/RX example

- 1) parallel or perpendicular polarization? Or both? => shotch
- @ Oi, Or; Ot => Snell's Law
- (3) 71, T1 on T1, T1
- (F) Er > propagate away from interface (Er) Et > Change material (Rt)+ Ot

=> Browster angle: T₁₁ = 1, T₁₁ = 0; OB = tan-1 (JER2/ERI)

Ex unpolarized been bean is incident on the interface between glass and all

 $\frac{\partial}{\partial x} = \left[\frac{\partial}{\partial x} + \frac{\partial}{\partial x} - \frac{\partial}{\partial x} + \frac{\partial}{\partial x} - \frac{\partial}{\partial x} + \frac{\partial}{\partial x} \right]$

Find Oi to give reflected lacen beam with Er totally perspendicularly polarized.

Di=OB OB=tan-(Ena)

Og = 33.7°

 $\frac{2}{2} \left(-\frac{2}{3} \right) \rightarrow \prod_{i} = 251.332$ $M_{2} = 130 \Pi \Omega$ Oi

Ot > Snow SinOt = \\ \varepsilon_{\varepsilon_1} \\ \varepsilon_1 \\ \varepsilon_1 \\ \varepsilon_2 \\ \varepsilon_2 \\ \varepsilon_3 \\ \varepsilon_4 \\ \varepsilon_4 \\ \varepsilon_4 \\ \varepsilon_5 \\ \varepsilon_4 \\ \varepsilon_5 \\ \varepsilon_4 \\ \varepsilon_5 \\ \varepsilon_6 \\ \vare

LO+=56,30

= 0.385

$$\stackrel{\stackrel{\cdot}{=}}{=} \stackrel{\stackrel{\cdot}{=}}{=} \stackrel{\cdot}{=} \stackrel{\cdot}{=}$$