

TP2 - 08/03/2002

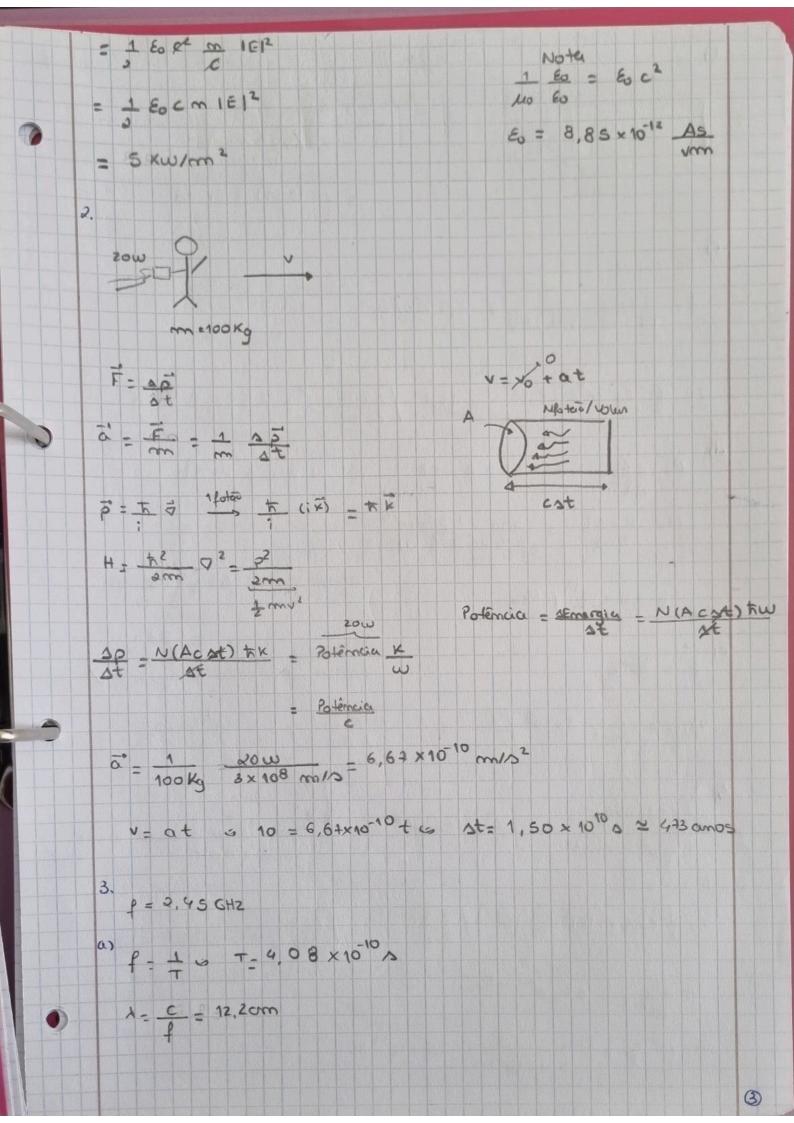
1.
$$\vec{E}(\vec{r},t) = 2000(\hat{x} \cdot \hat{y})$$
 Re \vec{e} ($kz - \omega t + P$) \vec{e} | ω

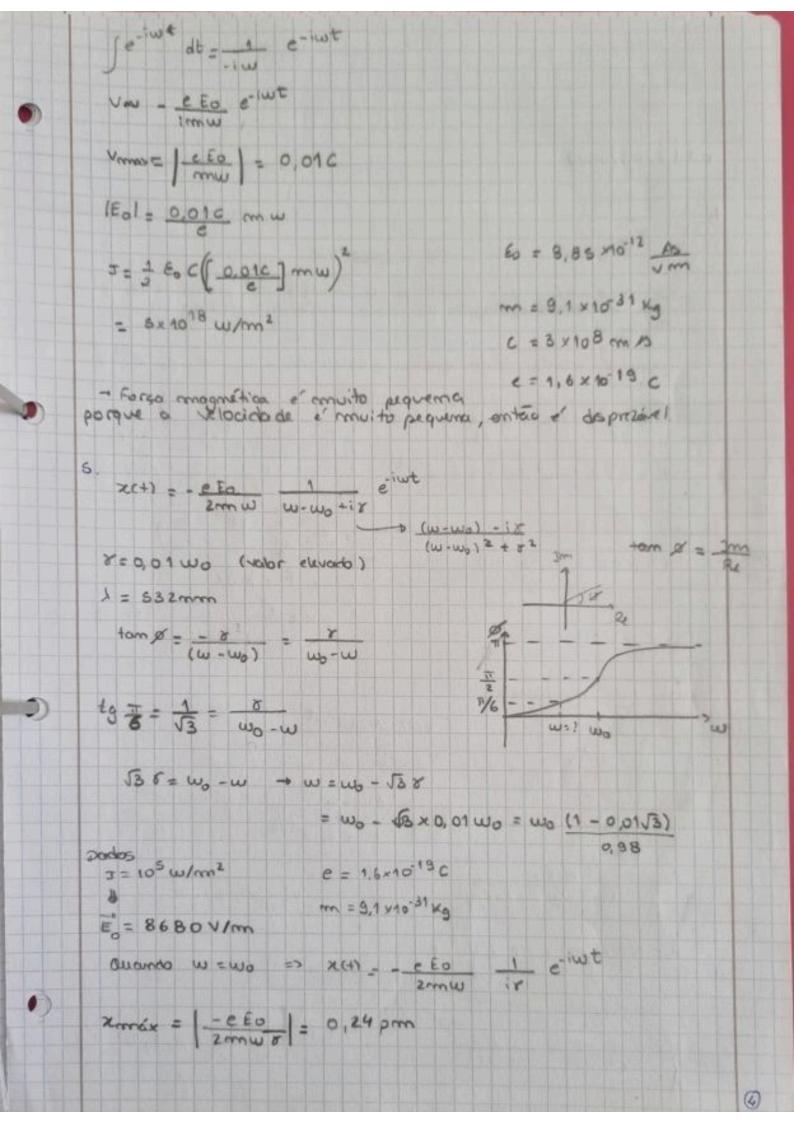
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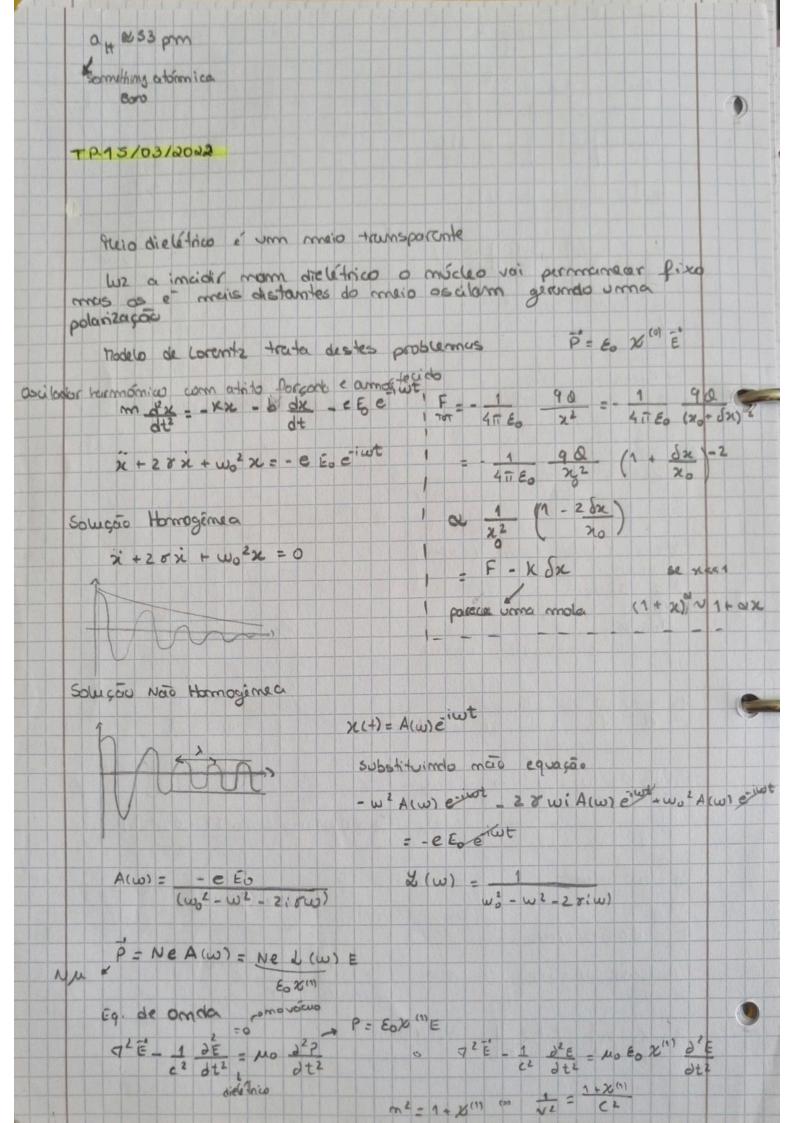
1. $\vec{E}(\vec{r},t) = Re$ \vec{E} \vec{E} \vec{e} ($kz - \omega t$) \vec{e} | $\omega = 2,32 \times 10^3 \, \text{M/s}$

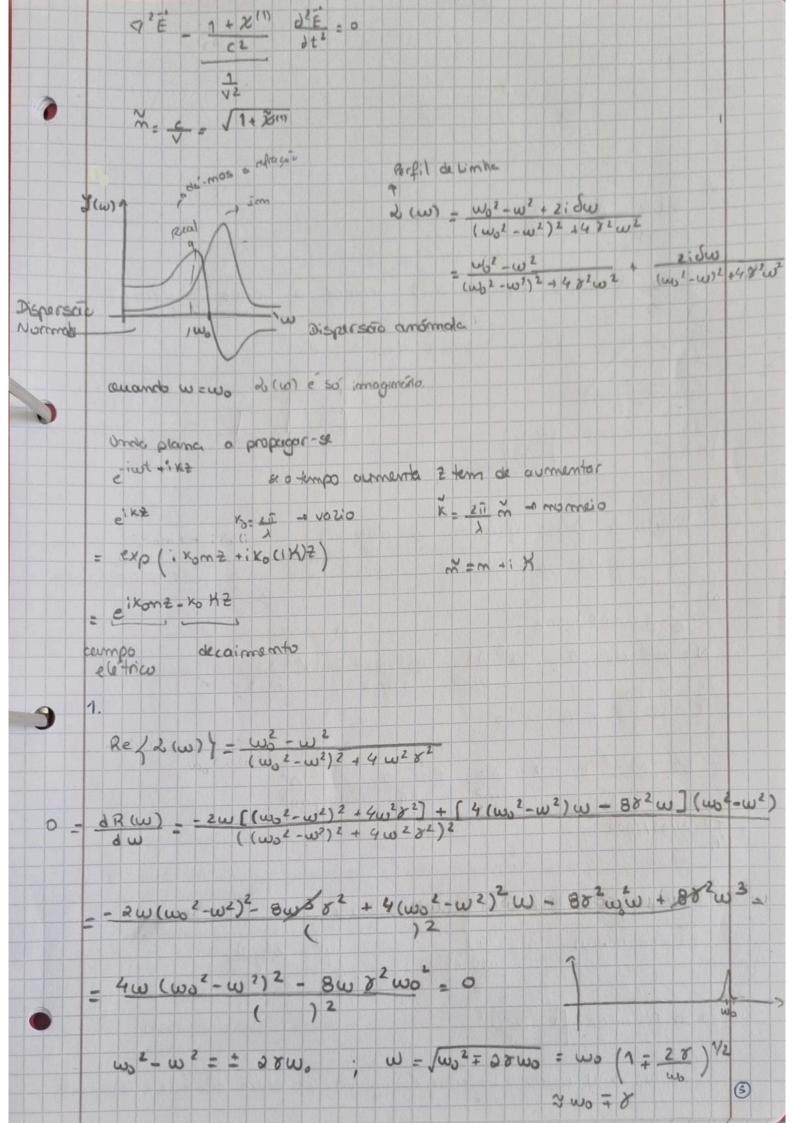
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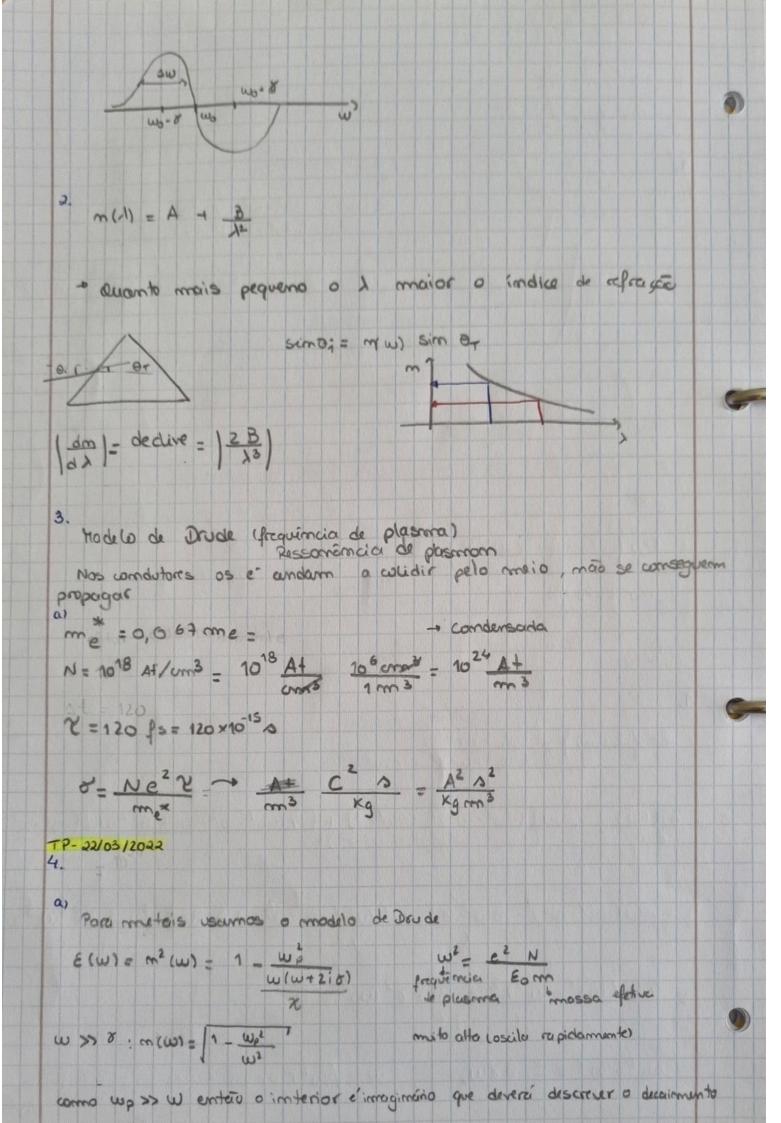
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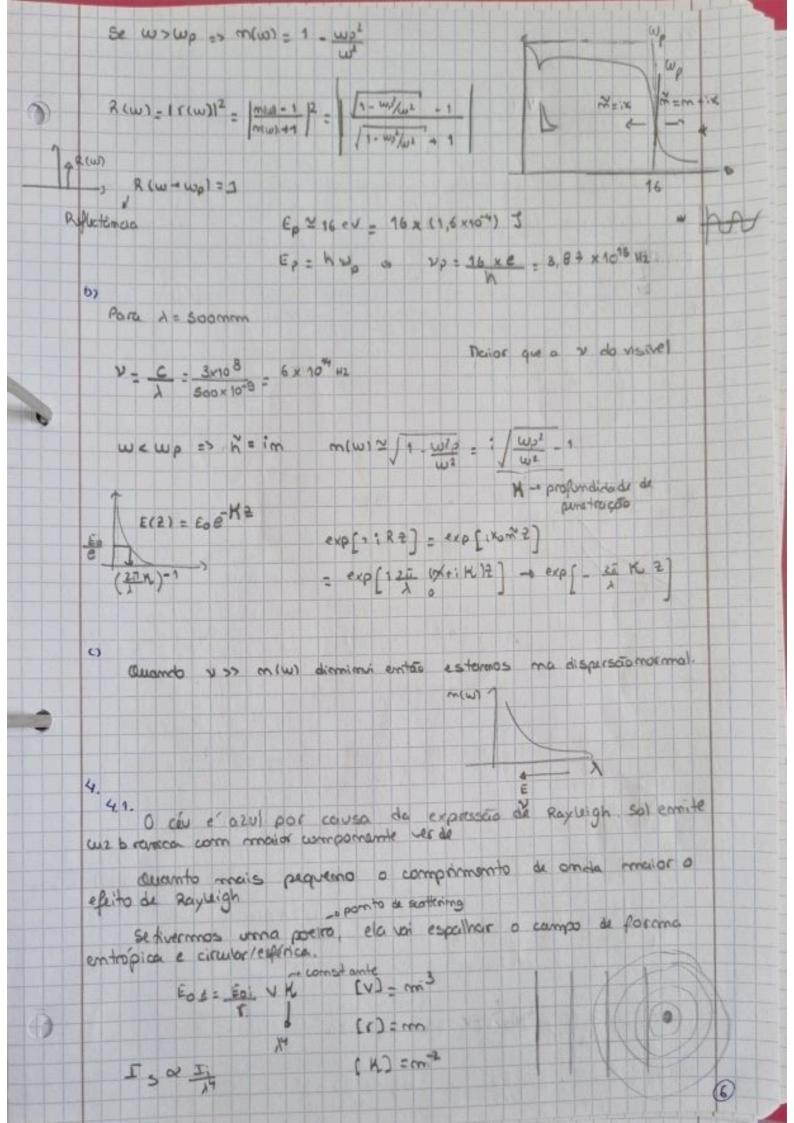




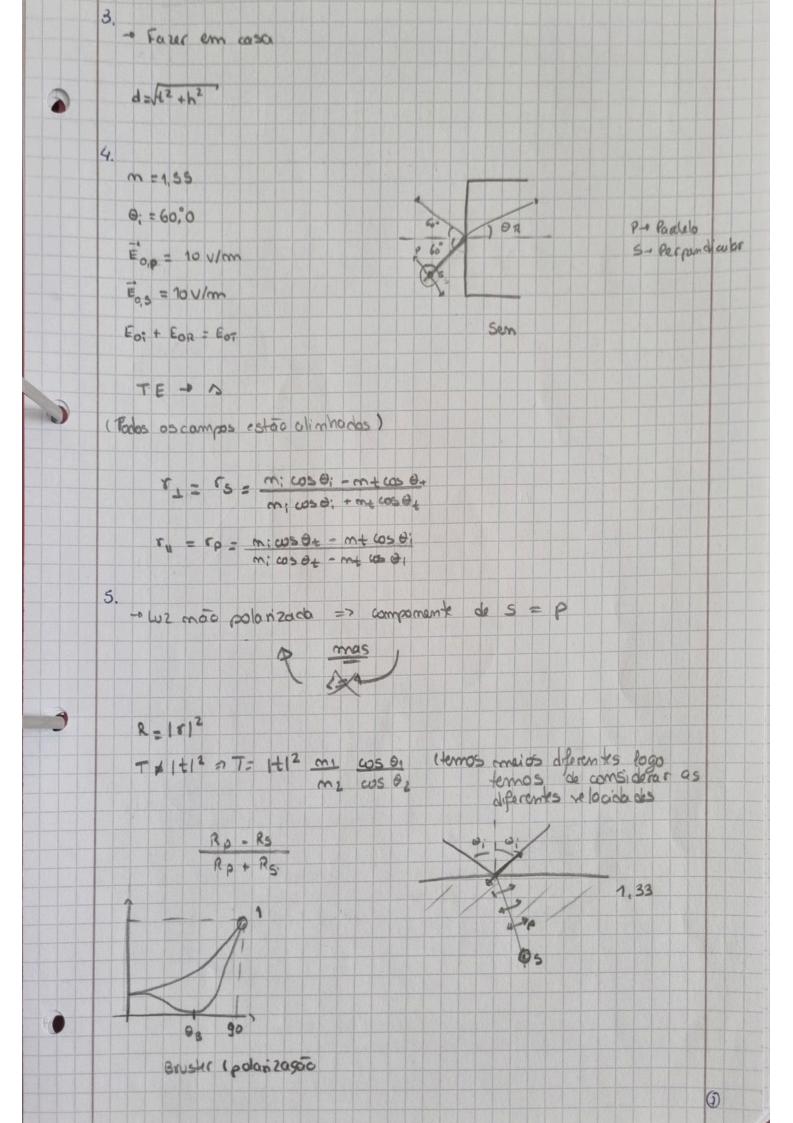


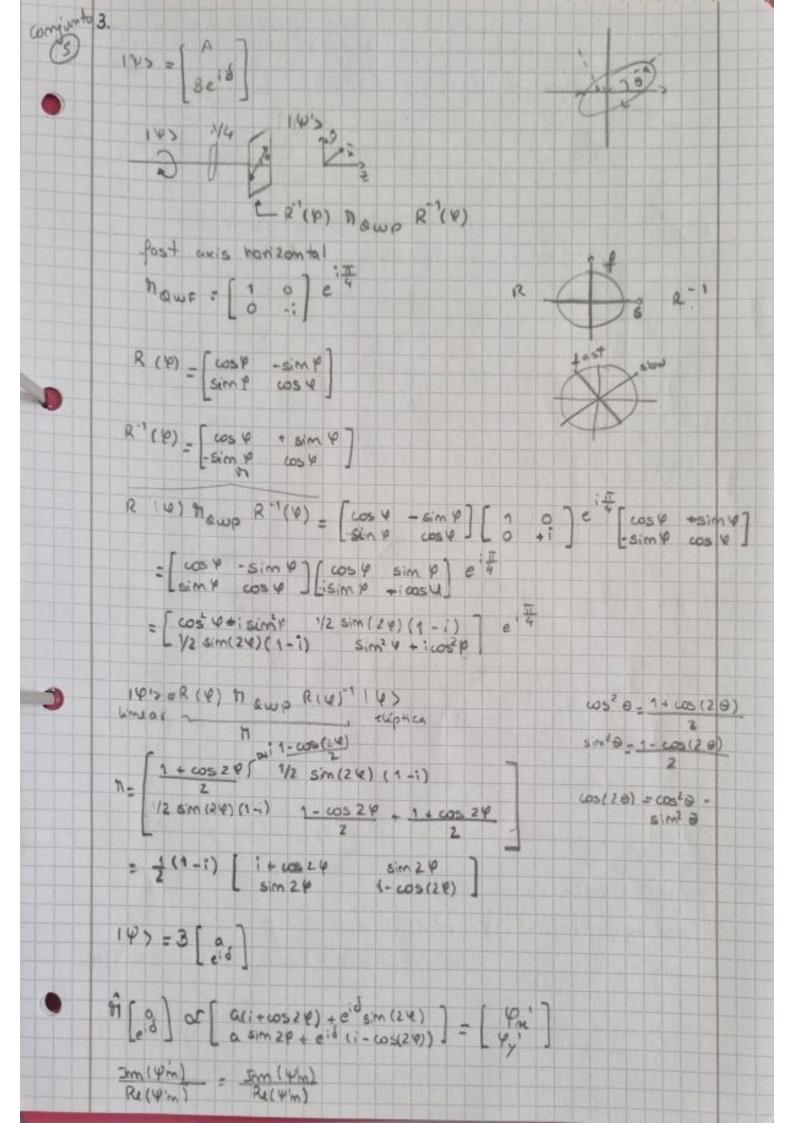


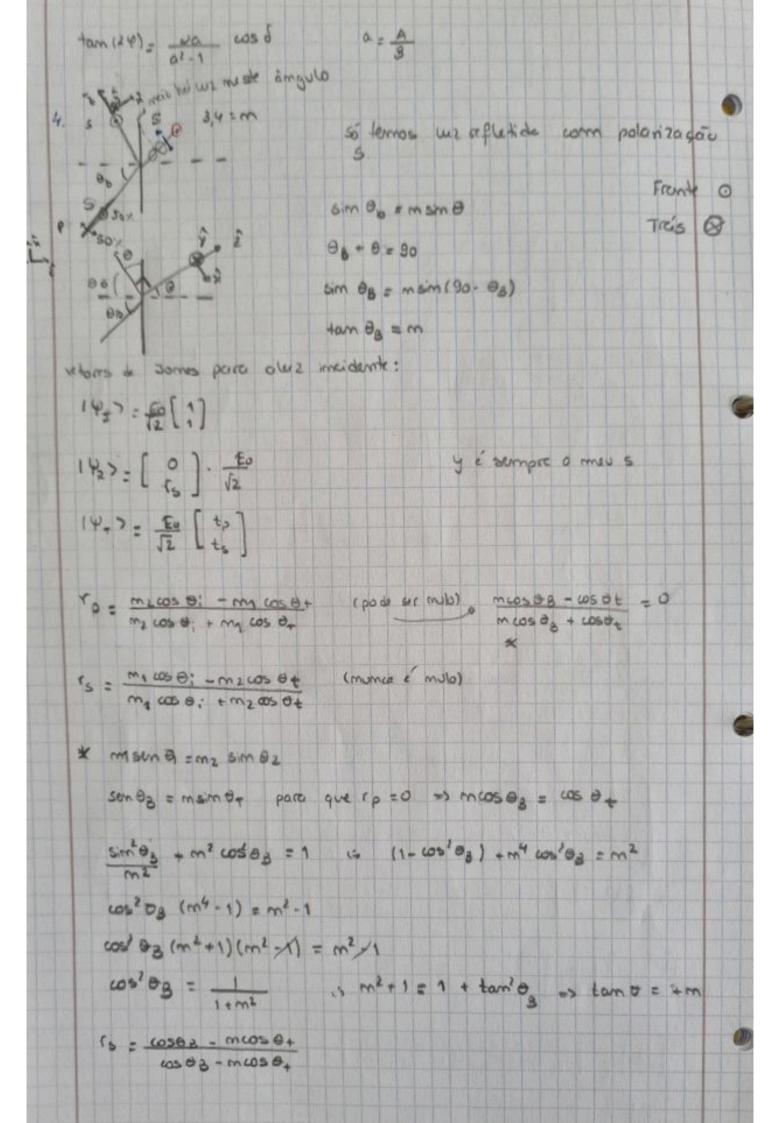


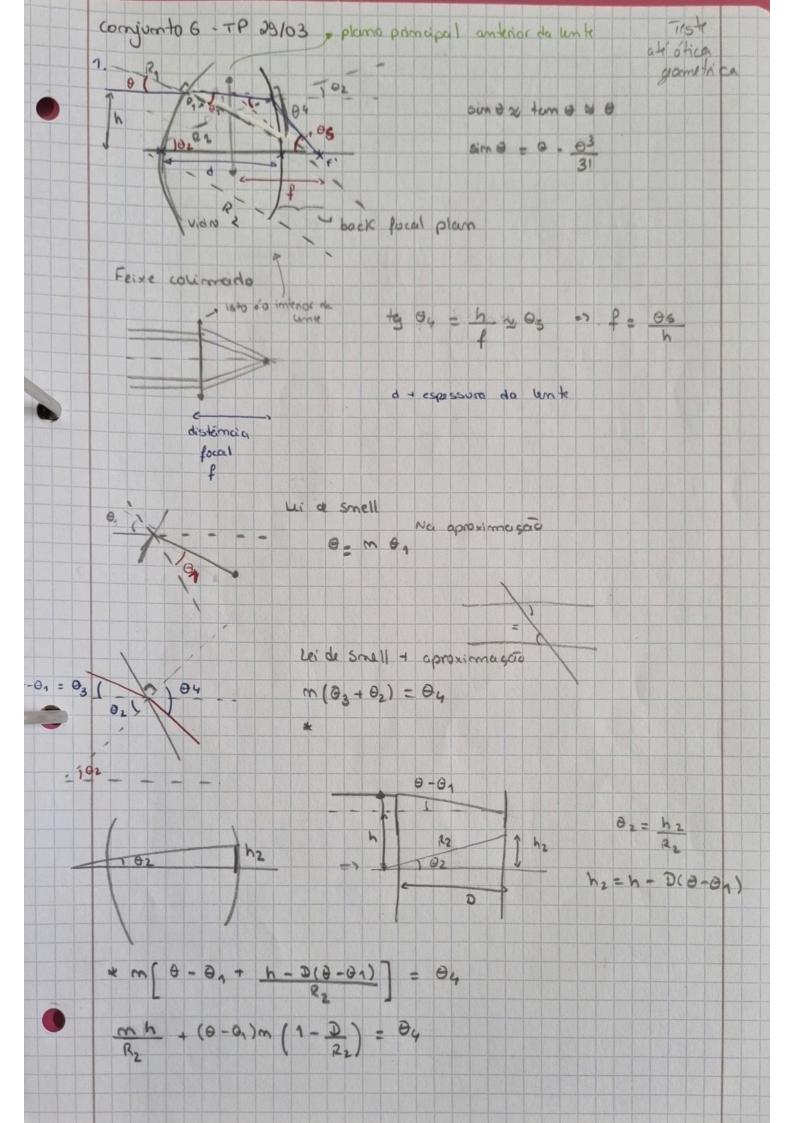


4.2. Razar scattering Suidet = 1/4 - 12 ~ (500) 4 - 7,6 o violeta é 8x meis espalhado do que o verde. Protegeros dos utro-violeta Folha 4 Eupostament mão pode voltor a P é impossive! maid = 1,505 1,505 10 cm = t muioleto =1,545 aueremos o diâmetro do feixe. Lei de smell-Decartes 0, = 0, = 0; my sim a = mz sim dz Peccoso sine; = msine = sime, redorred => ORED > Ovioute Sm 8 _ Sme d= hcos 0+ = t(+am 0 = - +am 0 =) cos 0+ d = 0,10 (tom (35") - tom (34,09)) cos (60) h= ha - ha = 1,28 cm ha = t tom eg ha = thamea sem 0 2 = sim 0 = sem 60 => 0 2 = 35 Simes = sm 0: - sm 60 - 98 = 34,09°









95 = 04 - 02 = m | 03 + 01] - 02 = m + + + (m-1) =m(0-01)+02(m-1) = (0+02) (m-1) $= \left[\Theta + \frac{h}{R_2} - \frac{D}{R_2} \left(\Theta - \frac{\Theta}{m} \right) \right]$ az é megativo 05 = [0 + 1 - D 0 (m-1)] (m-1) 85 = [1 + 1 - D (m-1)] (m-1) No forma moticial C1 () C2 (2) [P(0)] [C] = [Ye]