14. Ererentati subjectul: Interferente undelor a) Interferenta undelor plant. Conditio: 1) undelle trebuil sa aiba acelari frewenta. 2) undelle trebuil sa fin collette A=VA,+A3+2A,A2 COSA (X2×1) = = VA12+A2+2AA COS = 4X A minim (=)  $\frac{2\pi}{\lambda} \Delta x = 2\pi m = Dx = 2m^{2}$ A minim (=)  $\frac{2\pi}{\lambda} \Delta x = 2\pi m = Dx = 2m^{2}$ So Sing my ny P  $\frac{2}{3}(\overline{R},t)=\frac{4}{3}\cos(\omega t-kn)$  $\mathcal{A}_{1}(n) = \frac{A}{n_{1}}$   $\mathcal{A}_{2}(\mathcal{R}_{2}, t) = \frac{A}{n_{2}} \cos(\cot - \lambda n_{1})$ A2(91)=#  $\frac{1}{2} \Delta \eta = \frac{1}{2} \sum_{minim} \frac{1}{2} \Delta \eta = \frac{1}{2} \sum_{minim} \frac{1}{2} \frac{1}{2}$