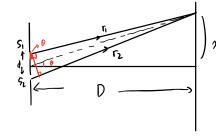
812-2

1. 原子发射的光波是一段频率一定,振功方向一定,有限长 的光波. 部主为光波引

2. 相干光:两束光振动频率排同,振动方向和排往着恒定 812-3

1. 双缝干涉:

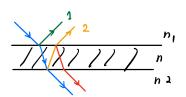


波注: 8=12-11 = dsino a doadtono

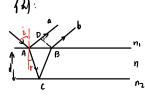
2. 半波损失:从光的→光亮,A耐角 i = 0°/90°时. 在射光相往转入射光亮3 π

8 12-4

1. 光祥尧· 皇山 S=n·a. n为捐献率, 双为光线实际路经长 $\rightarrow fi li \hat{A} \delta \phi = \frac{228}{\lambda}$



2. 反射光和住身爱和代加失程差: 当有 fn>n or fn<n 时

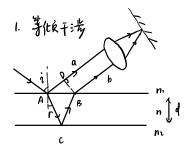


求 a. b 光视克.

但又有門的光社社会

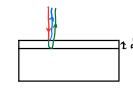
$$\rightarrow \int = 2d \int n^2 n_1^2 \sin^2 i + \frac{\lambda}{2}$$

§ 12-5.



由前 例知 $S=2d \int_{n^2-n_i^2 \sin^2 i} + \frac{\lambda}{2}$ 5 S= KX 产生明争词 沙人产生的多位 中间部外部稀疏.

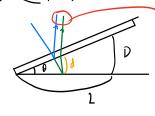
2. 增透膜: 液少反耐气



利用 1/1 报消.

$$2nd = (k+\frac{1}{2})\lambda \Rightarrow dmin = \frac{\lambda}{4n}$$
.

3. 避兴膜:



> 产生干涉, 当为(全主) 种时近似的 $\int_{0}^{\infty} \int_{0}^{\infty} d^{2}x d$

$$\frac{1}{2} l \sin \theta = \frac{\lambda}{2} \approx l \frac{D}{\ell}$$

并破积

r2= (R2)- (R-d)2=2Rd-d2 / Rnd) 2Rd $d = \frac{r^2}{2R} \quad \text{if} \quad \begin{cases} pp: 2d + \frac{3}{2} = k\lambda \\ p^2: 2d + \frac{3}{2} = (k+\frac{1}{2})\lambda \end{cases}$ $\Rightarrow \begin{cases} \sqrt{2k-1} & r = \sqrt{\frac{(2k-1)R\lambda}{2}} \\ \sqrt{2k-1} & r = \sqrt{\frac{2k-1}{R}\lambda} \end{cases}$