老二七五 1. B 2.A 3. 2.60 4. 4I. 5. 8= r2-r, =0 $\delta_{s} = (r_{1} + n_{1}d - d) - (r_{1} + n_{2}d - d) = 5\lambda$ \$4 (R (n2-n,)d = 5) $d = \frac{52}{n_2 - n_1} = 8 \times 10^{-16} \text{ m}$ 6. 当波长范围为 $\Delta \lambda A = \frac{k D \Delta A}{a}$ k=1.08, = 0.72mmk=5. 'Axx = 5 Ax, = 3.6 mm 习数ニナグ 1-B 2.C 3. ± (n-1)e 4. 21(n-1)e 4x104

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5. 若反射后增强,则2ne+==== k2 = ) = 4ne (k=1,2,···)
     在可见光内, 1 4000 A < 入 < 7600 A
          たしここれる
    6. (1) DX = 20 D7/a = 0.11m
  (2) f(n-1)e+r_1=r_1, v_2-r_1=(n-1)e=k\lambda
           k = \frac{(n-1)e}{2} = 7
1. E 2. B. 3. \frac{3\lambda}{4n_2} 4. \frac{\lambda}{21}
5. ·· n, < h、< n, 、无附か光発差 ·· 8=2n,e
       = k= 500, 2n2es = = (2h-1)2 = es = 92
         別: 21.en= kl, De=en+1-en= 1/21/2
6. 厚间距 l,=1.5mm l,=l,-Al=0.5mm
   改变后,\theta_2 = \frac{\lambda}{2b} = 6 \times 10^{-4} \theta = \theta_2 - \theta = 4 \times 10^{-4}
  1.A 2.D 3.5391 4.2(n-1)h
  5. 在空气中,第1个暗环半径为: 1/2=JRR2 (n.=1)
   元水后: r' = 1.33)
    \frac{r-r'}{r} = 1 - \sqrt{n} = 13.3\%
6. rh= kARD, rhis = (k+5)AR ( 中田) 17 R= This-rh
 由图, rn2 = d2+(1/2 Ln)2, rn+2 = d2+(1/2 Ln+1)2
         代入得 R=1.03 m.
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