Pemerue: Dano: h = 1 mm 1)  $\psi_{n} = 1,22 \frac{1}{D} = 1,22 \cdot \frac{5 \cdot 10^{-7}}{4 \cdot 10^{-2}} \approx 2 \cdot 10^{5}$ r = 2 cm Trisboti paznep mirmorina 2) Ho vootor pagnionto 270 yospaneme guamet paris aprior D goursen ygobretborato:  $\psi = 1,22$   $\lambda^{-3.10^{-4}}$ , to on re maxer Justo conserabin e pagnerasurpriva uu N7.10. Peurenue: Dano: 1) D > 1,22. \(\lambda H => D \ge 12 au. H=5mu, l = 2,5 cm n = 500 min 2) Grosor pasiwint yosponserue V= 100 uic HOUTU: f, D,

3) 3 asbop cuegyes atyporbato na tance

Exercise 10 - 5.10<sup>3</sup> 
$$2.5 \cdot 10^{-2}$$

Exercise 10 - 1 - 1 - 1 - 1 - 5.10<sup>3</sup>  $10.25 \cdot 10^{-2}$ 

Dano: Pemerue:

N=10 B7

 $0 = 6.10^{14} \cdot 1 = 1$ 
 $0 = 50 \text{ cm}$ 
 $0 = 5 \text{ cm}$ 
 $0 = 5 \text{ cm}$ 
 $0 = 5 \text{ cm}$ 
 $0 = 6.0 \text{ cm}$ 
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 $0 = 6.0 \text{ cm}$ 
 $0$ 

$$(2,44.\frac{1}{6})^{2} = \frac{d^{2}N}{nh0}$$

$$2,44.\frac{1}{6} = \frac{d}{6} = \frac{d}{6} = \frac{N}{nh0}$$

$$L = \frac{d}{6} = \frac{d}{6} = \frac{N}{nh0} = \frac{1}{2} = \frac{1}{3} = \frac{3}{10} = \frac{1}{3} = \frac{$$