Treempurectueix spubog Tharmura 2.

Варианты - все 3.

3,18-3,22.

Pagarea 3,18. Bapuaum 3.

Snon = 4 %

X = Mmax/Huon = 2

Задача 3.19, Вариант 3

$$S_{1}$$
 $r_{got} = (s - S_{0,75}) \cdot \frac{r_{got}}{s_{0,75}} = 0,86 \text{ Out}$
where S_{1} $r_{got} = 0,86 \text{ Out}$

Bagara 3,20, Bapuarem 3

$$Sincp_z = 0.52$$

Penerne !

$$X_{E} = Z_{E} \sin c \rho_{E} = 9,45 \cdot 0,5 d = 1,79 \ Oeu$$

5,
$$r_{goo} = \sqrt{(\kappa z_{E})^{2} - \chi_{E}^{2}} - \Gamma_{E} = \sqrt{4 \cdot 3.45^{2} - 1.79^{2}} - 2.93 =$$

$$= 3.73 \text{ Que}$$

6.
$$P_{900} = \frac{I_{19,11}}{4}, r_{900} = \frac{8.5^2}{4}, r_{900} = 67.4 B_T$$

Papara 3.21. Bapuaum 3

Tun glucameres
4 AHK 250 B8

Puon = 45000 Br

Lp = 8

Suon = 0,04

Puon = 0,89

COSP uon = 0,82

I anon = 190 A

Ea = 140 B

Mmax/Muon = 2,2 = XH

1.
$$N_{MON} = N_{1}(1 - S_{MON}) = 750(1 - 0.04) = 720^{ob}$$

2. $M_{MON} = 9.55 P_{MON}/N_{MON} = 598 H_{1}M$

3. $M_{MOX} = M_{MON} \cdot \lambda_{N} = 596 \cdot 2.2 = 1.313 H_{1}M$

4. $S_{KP} = S_{MON}(\lambda_{M} + \sqrt{\chi_{N}^{2} - 1}) = 0.04^{\circ}$

($2.2 + \sqrt{2.2^{\circ} - 1}$) = 0.16

5. $T_{2} = (E_{2}/\sqrt{3}I_{2MON})S_{MON} = 0.017 Q_{LEF}$

6. $S' = 1.5 \cdot 0.04 = 0.06$

7. $R_{\Pi P} = (T_{2}/S') - T_{2} = \frac{0.017}{9.06} - 0.017 = 0.26 Q_{EH}$

8. $N_{QOD} = T_{2}(\frac{30.5}{S_{MON}}) = 0.017 \cdot \frac{0.5}{0.04}$

Bagara 3.22. Bapuacem 3.

Mun gberameres : 4AH280M4 $P_{NON} = 160000B7$ $N_{NON} = 147000/ReH$ $N_{NON} = 0.935$ $\cos p_{1NON} = 0.9$ $\lambda : = 6$ $\lambda : = 1.2$ $\lambda : = 2$

Precuescue!

1. Muon = 9,55 Puon / Nuon = 9,55. \frac{160000}{1470} = 1039 Him

2. Mn = Muon \(\lambda n = 1039 \cdot 1.2 = 1246 \) Him

3. Mnox = Muon \(\lambda x = 1039 \cdot 2 = 2078 \) Him

4. Pinon = Puon / Nuon = \(\lambda \logo 0,935 \) = 171 KBT

5. \(\text{Ip} = \text{Pinon} \) / \(m_1 \) \(\text{Uip} \) \(\text{cos} \) \(\text{pinon} \) = \(\logo 0.66 \) A

\(\text{In} = \sqrt{3} \) \(\text{Imp} = 298 \) A

6. \(\text{In}_{1.0} = \text{In} \text{A} \) = \(\text{190} \) A

7. \(\text{Uip} = \text{Uip} \) / \(\text{3} = 280 \) B

\(\text{In} \text{Y} = \text{Iin} \sqrt{3} = 166 / 1,73 = 96 \) A

\(\text{In} \text{Y} = \text{Iin} \sqrt{3} = 99 \) A

\(\text{In} \text{Y} = \text{Iin} \sqrt{3} = 1790 / 3 = 596 \) A

8. $M_Y = M_{\Delta/3} = 346 \text{ Him}$ $M_{HY} = M_{H\Delta/3} = 1246/3 = 415 \text{ Him}$ $M_{maxY} = M_{max\Delta/3} = 2078/3 = 692 \text{ Him}$ $\lambda_{HY} = \lambda_{M\Delta/3} = 0.67$ 9. $M_{100}^1 = M_{10}/\sqrt{\lambda_H} = \frac{380}{\sqrt{\Delta}} = \frac{380}{1.4} = 271.4 \text{ B}$