3,11 - 3,14

Bagaza 3.11. Bapuaum 4.

nanbemenue Hampshelde

U11 = 380B

10 = 60 ly

10 = 60 ly

Machinery 4600 Br

how = 14100/men heperpy sornale and conjugate Mn/Much = 1

2p = 4.

 $M_* = f(s)$

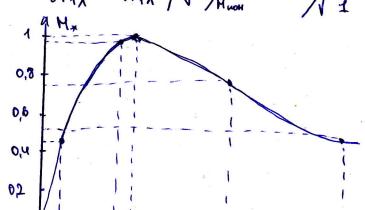
$$N_1 = 60$$
, $f/p = 60$, $f0/2 = 750 1500$
 $S_{MON} = (1500 - 1420)/1500 = 0,053$

- vonocroul xoq - reneparop S non < 0

2.
$$S_{EP} = S_{HOH} \left(\lambda_H + \sqrt{\lambda_H^2 - 1} \right) = 0.22$$
.

2.
$$Sup = 0.053$$
 $O.456$ 26.55 $Sup = 0.28$ 0.995 56.03 56.7 $S_2 = 0.8$ 0.51 . 0.51 .

$$M* = \frac{2}{\frac{3}{5 \text{kp} + \frac{5 \text{kp}}{5}}}, \quad M* = \frac{M}{M = M \times 1 \text{ Mmax}}$$



Задача 3.12, Вариант 4.

J = 50 [y

Ux = 380 B

cmaptop"38e36a"

Phon = 40000 B7

Nuch = 40000 B7

Nuch = 90,5%

cos opnon = 0,9

En/Inuon = 7

Mn/
Mare = 1

Mux = 2,2.

Huon

N = - J(M)

one of

1200

1000

(600)

COCO

800

Penseure: rayuacro

$$\Gamma_1 = \Gamma_{1,20} \left[1 + \alpha \left(\theta_{pab} - 20 \right) \right] = 0,09 \text{ Que}$$

Tun gouratera AK2-92-4 PHON = 400 KBT Mnon = 145000/men M NON = 90,5 % cos 0,85 M max/MHOH = 2 M1,20 = 0,021 Que

0,5 0,75 1.

Pevienne:

3. Such =
$$\frac{50}{1500} = 0.033$$

4.
$$\Gamma_{A} = \Gamma_{A,20} \left(1 + \alpha \left(75 - 20 \right) \right) = 0,021 \cdot \left(1 + 0,004.55 \right) = 0,026 \, \text{Om}$$

7.
$$\cos \varphi_{k} = 0.5 \cos \varphi_{1 \text{ mon}} = 0.5.0.85 = 0,425$$

 $\psi_{k} = 64^{\circ}$
 $\sin \varphi_{k} = 0,89$

M

Bagara 3.14. Bapuaux 4.

Prom= 100 KBi

I 1 mon = 180 A

Mnon = 1460 05/min

Tr = 9015 Qu

1000 pi = 0,91

Pro = 2000 Bi

Ino = 43 A

Prex = 450 Bi

Peneine 1

1. Paro = Ma Ino F1 = 3.43,0,015 =

= 83,205 Br

a. Proci = Pro - Pro = 2000 - 83 = 19 17 13

3. PM = Proce - Parex = 1917 - 450 = 1467B

4. PIHON - MJ UIIINON LOS PI = 31 220, 180, 0,91=

= 108 w8 Br

5. & P = Prion - Prion = 108 108 - 100 000 = 8 008 BT

6. Much = Puch / PINOH = 0,925

7. Prep. HOM = \(\mathbb{P} - Proce = 8108 - 1917 = \)
= 8191 BT

8. Pgo5. non = 0,005 Person = 540 Br

9. Darnon = Mai I, 2 MOH 1 1 = 1458 BT

10. Paz non = Prepuon - Parnon - Paoque

= 4193 B7