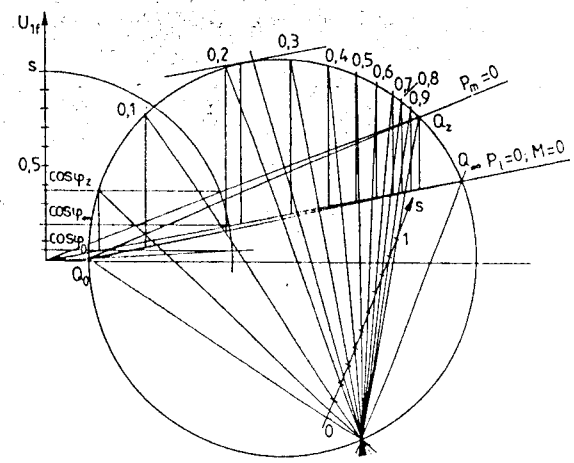
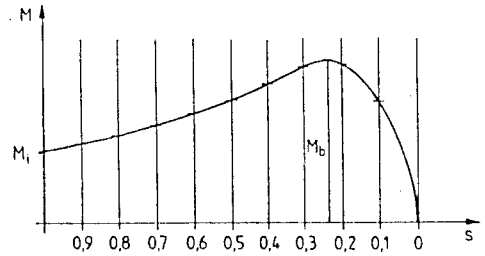
5.1.40. feladat

a)



b)



c) $s = 0{,}05$ szlipnél $y_1 = 19{,}8$ mm $\hat{=}$ 49,5 A

$$M = \frac{60}{2 \cdot \pi} \cdot \frac{\sqrt{3} \cdot U_{1v} \cdot y_1}{n_0} = \frac{60}{2 \cdot \pi} \cdot \frac{1{,}73 \cdot 380 \cdot 49{,}5}{1000} = 310{,}8 \text{ N} \cdot \text{m}$$

$$n_0 = \frac{60 \cdot f}{p} = \frac{60 \cdot 50}{3} = 1000 \text{ 1/min}$$

$M = 310{,}8$ N·m