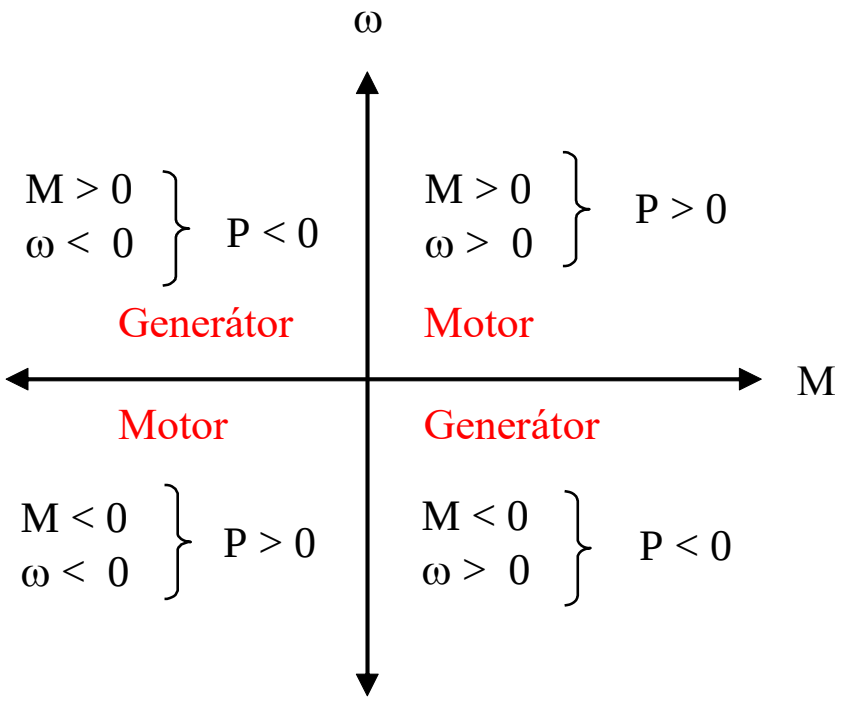
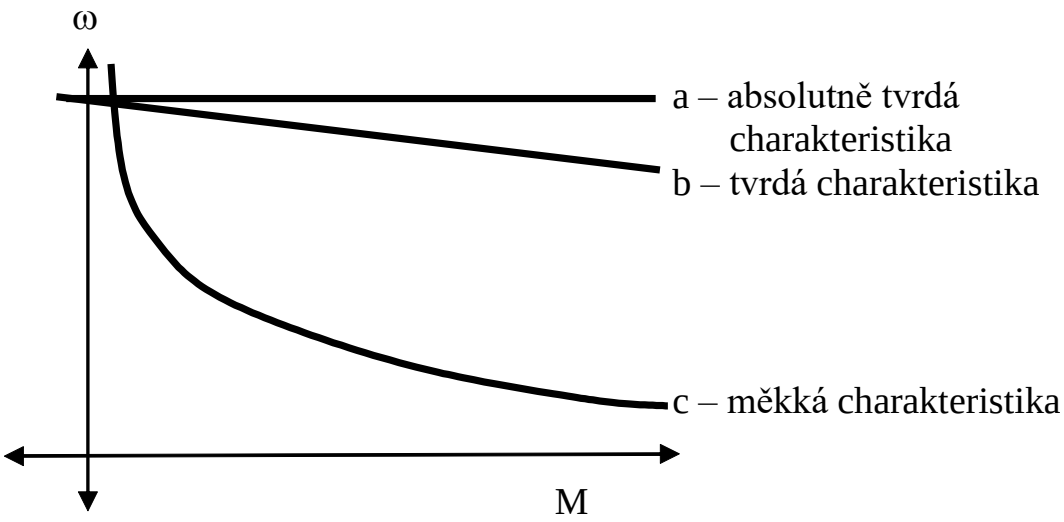
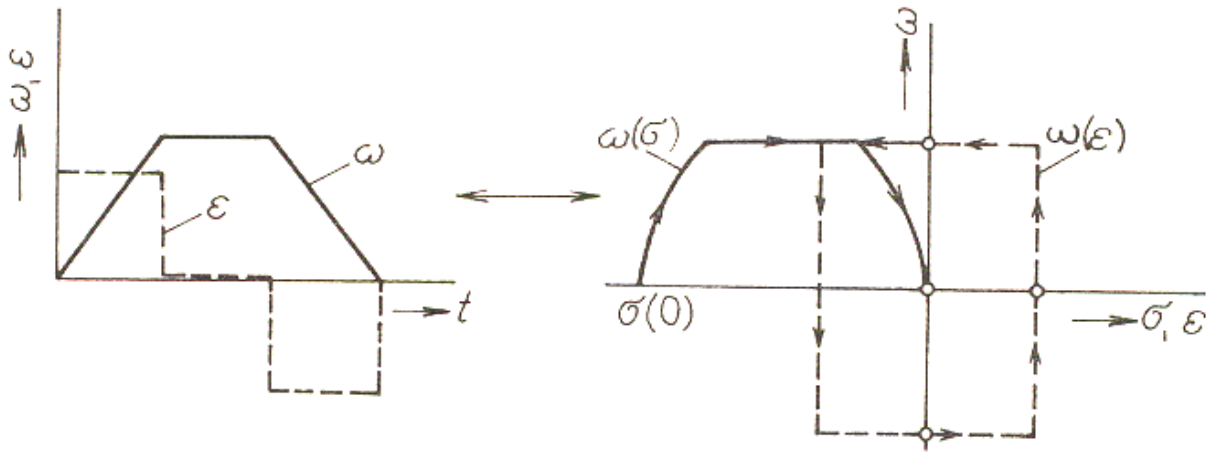


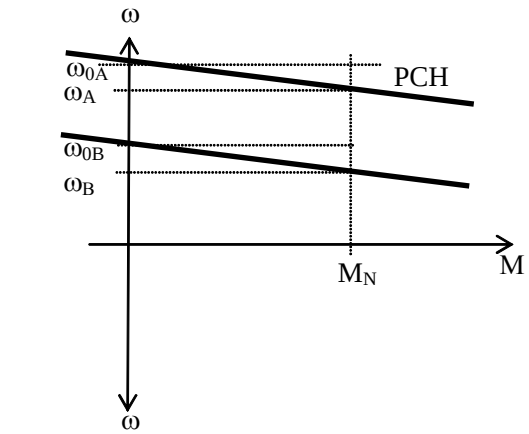
Obrázek 1 - Kvadranty charakteristik elektrického pohonu



Obrázek 2 - Charakteristiky pohonu

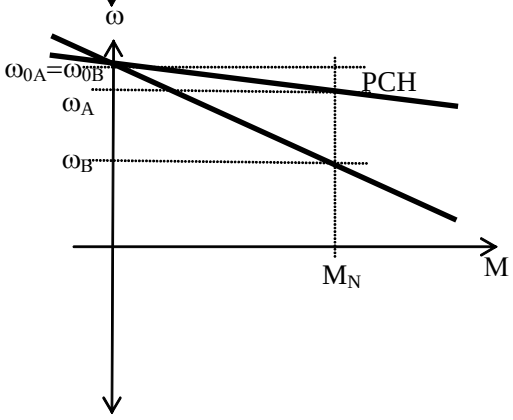


Obrázek 3 - Rychlostní diagram a příslušná fázová trajektorie



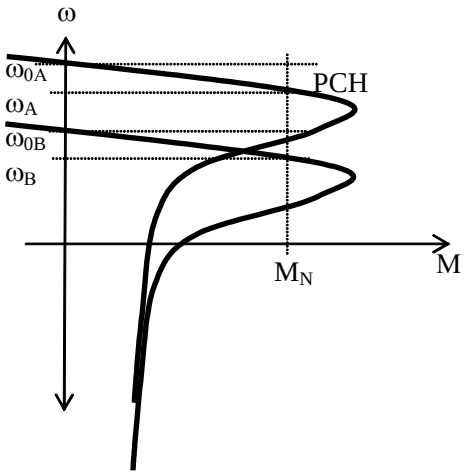
a) **stejnosměrný, cize buzený motor**
regulace napětím

$$\eta_A = \frac{\omega_A}{\omega_{0A}} = \frac{\omega_B}{\omega_{0B}} = \eta_B .....konst.$$



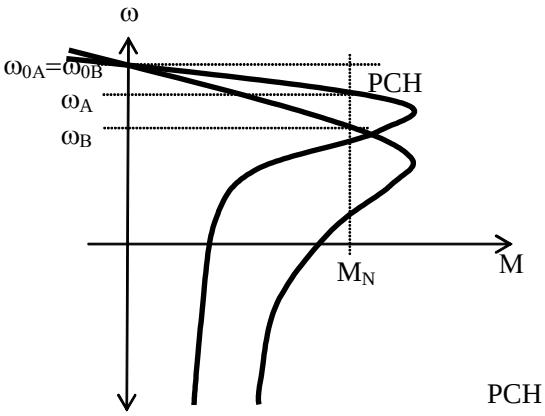
b) **stejnosměrný, cize buzený motor**
regulace odporem

$$\eta_A = \frac{\omega_A}{\omega_{0A}} > \frac{\omega_B}{\omega_{0B}} = \eta_B$$



c) asynchronní motor
regulace frekvencí

$$\eta_A = \frac{\omega_A}{\omega_{0A}} = \frac{\omega_B}{\omega_{0B}} = \eta_B .....konst.$$



d) asynchronní motor
regulace odporem

$$\eta_A = \frac{\omega_A}{\omega_{0A}} > \frac{\omega_B}{\omega_{0B}} = \eta_B$$

PCH = přirozená charakteristika

Obrázek 4 - Odhad účinnosti elektropohonu z poklesu otáček pro různé motory