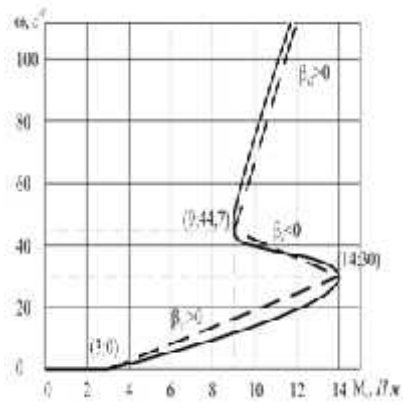


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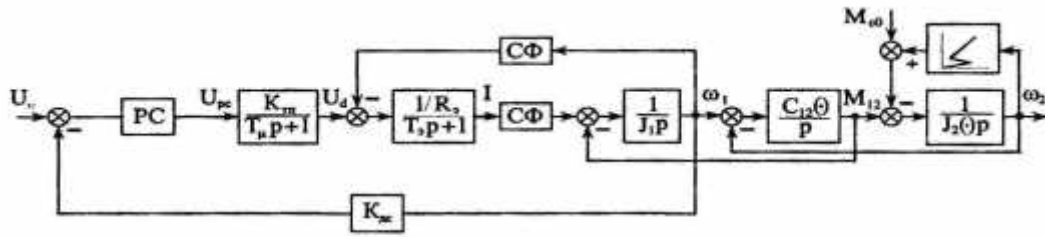


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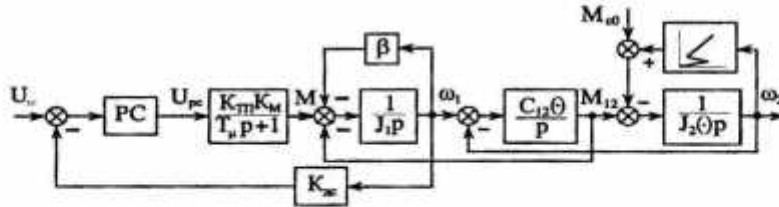
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$$W_{об}(p) = \frac{U_{OC}(p)}{U_{PC}(p)} = \frac{K_0 \cdot \left(\frac{\gamma}{\Omega_{12}^2} \cdot p^2 - \frac{|\beta c|}{c_{12}} \cdot p + 1 \right)}{[(T_s + T_\mu) \cdot p + 1] \cdot \left(\frac{T_c}{\Omega_{12}^2} \cdot p^2 - \frac{\gamma}{(\gamma - 1) \cdot \Omega_{12}^2} \cdot p^2 + T_c \cdot p - 1 \right)}$$

$$K_0 = \frac{K_{\Pi\Pi} \cdot C \cdot \Phi \cdot K_{JC}}{R_s \cdot |\beta c|} ; \quad \gamma = \frac{J_1 + J_2}{J_1} ; \quad \Omega_{12}^2 = \sqrt{\frac{c_{12} \cdot \gamma}{J_2}} ; \quad T_c = \frac{J_1 + J_2}{|\beta c|}$$

(-)

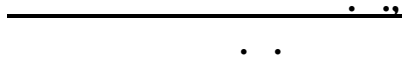
$$W_{об}(p) = \frac{U_{OC}(p)}{U_{PC}(p)} = \frac{K_0 \cdot \left(\frac{\gamma}{\Omega_{12}^2} \cdot p^2 - \frac{|\beta c|}{c_{12}} \cdot p + 1 \right)}{(T_\mu \cdot p + 1) \cdot \left(\frac{T_M}{\Omega_{12}^2} \cdot p^2 + \frac{\gamma}{\Omega_{12}^2} \cdot \left(1 - \frac{|\beta c|}{|\beta| \cdot (\gamma - 1)} \right) \cdot p^2 + \left(T_M - \frac{|\beta c|}{c_{12}} \right) \cdot p + \left(1 - \frac{|\beta c|}{|\beta|} \right) \right)}$$

$$K_0 = \frac{K_{\Pi\Pi} \cdot K_M \cdot K_{JC}}{|\beta|} ; \quad \gamma = \frac{J_1 + J_2}{J_1} ; \quad \Omega_{12}^2 = \sqrt{\frac{c_{12} \cdot \gamma}{J_2}} ; \quad T_c = \frac{J_1 + J_2}{|\beta|}$$

[3].

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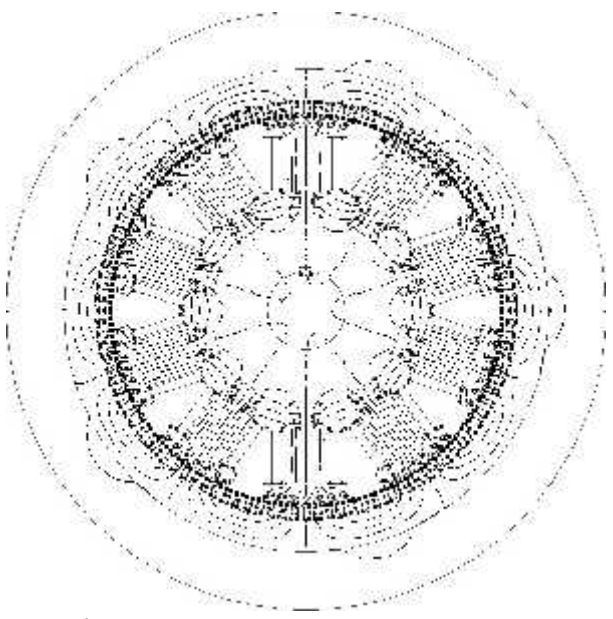
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$$S_N=750, n_r=600 / U_N=6,3$$