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 ( ) ,

(1-4):

$$i_r = i_u; \tag{1}$$

$$i_s = \frac{(i_u + 2i_v)}{1,73}; \tag{2}$$

$$i_s = \sqrt{(i_r^2 + i_s^2)}; \tag{3}$$

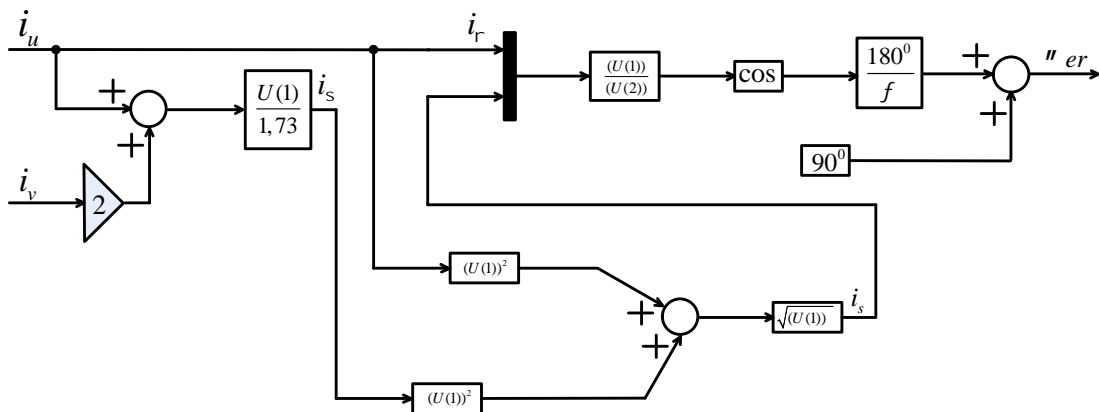
$$u_{er} = \cos\left(\frac{i_r}{i_s}\right) + f; \tag{4}$$

$i_u, i_v$  - U V;

$u_{er}$

(1-4)

. 1.



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Matlab R2009a.

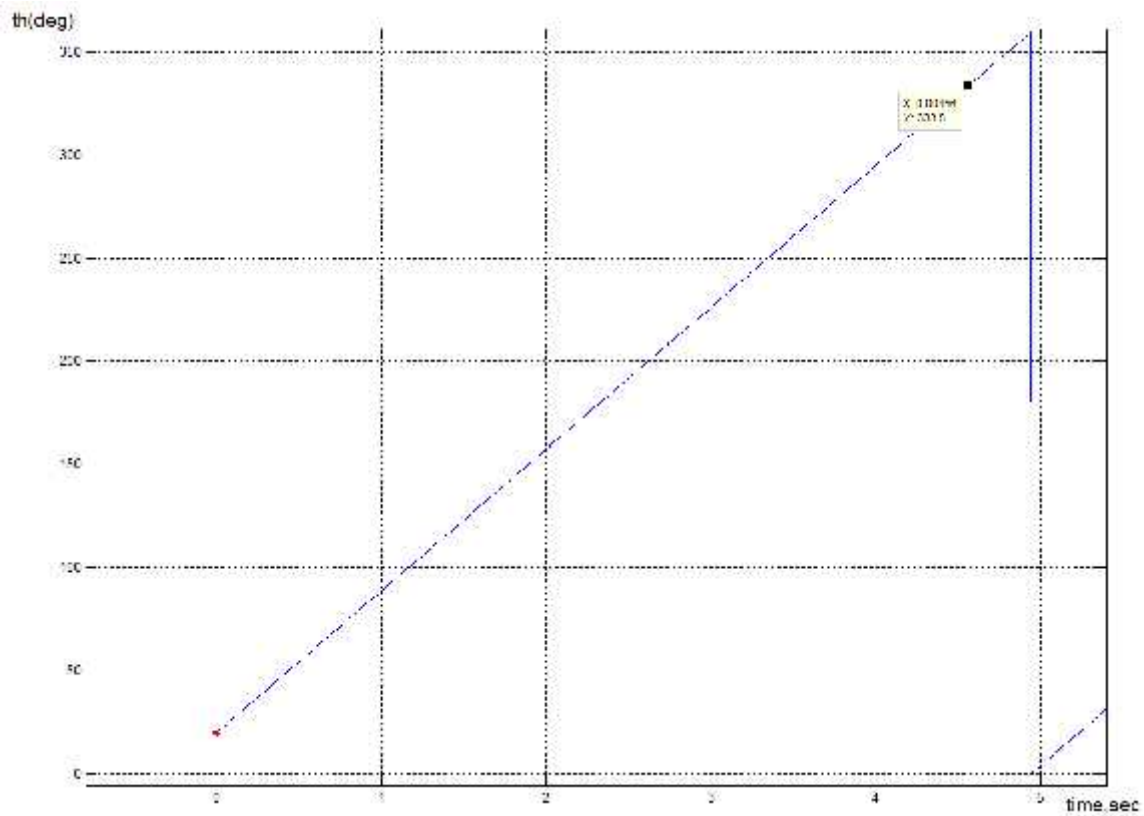
[1, .].

SimPowerSystems.

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Simulink.



. 2 -

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1. SimPowerSystems Simulink/ . . // - .: ; .: , 2008 - . 261. Matlab,
2. . . // - .: , 2003. - . 136. / -