

- 9: =

. - 2013. - .1, .2 - .69-70

( )

$$F_s \geq 2f_{max}$$

$F_s$  -

4

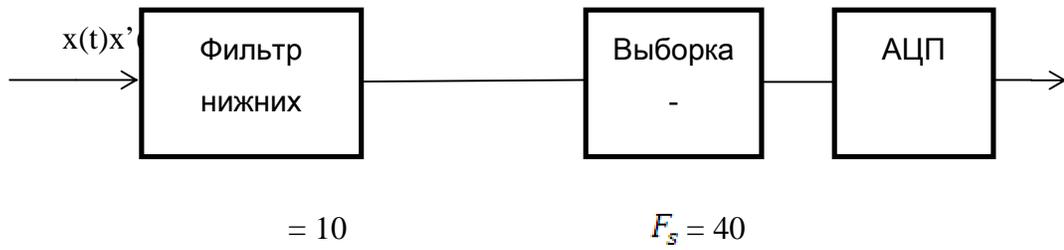
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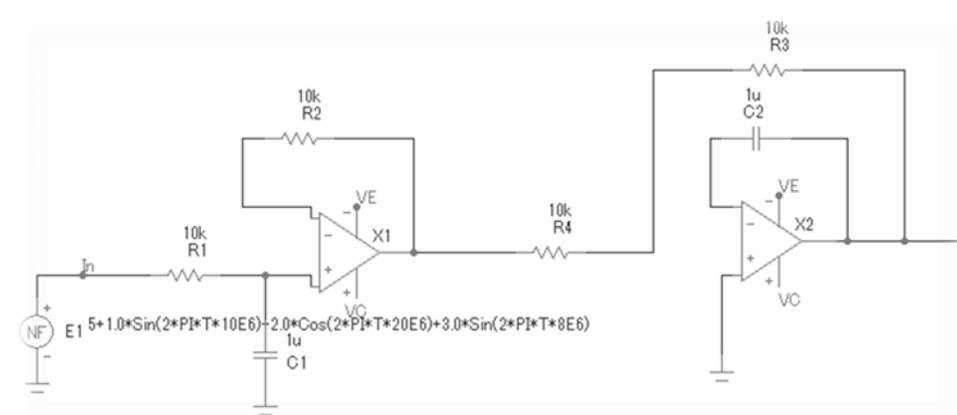
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( 1), :



1.

.2:



2.

1,

$$H(F) = \frac{1}{\sqrt{1 + \left(\frac{f_c}{f_s}\right)^2}}$$

$$f_s \ll f_c$$

$$f_s$$

$$f_s = 2F_{max}$$

$$F_{max} = 20$$

$$f_s = 2 * 20 = 40$$