

Gain(dB)

100
80
60
40
20
0

Basic integrator response

$$\frac{R_F}{R_1} \text{ dB}$$

Ideal response of practical integrator

Actual response of practical integrator

f $10f$ 10^2f 10^3f 10^4f 10^5f

$= f_a$

$= f_b$

Relative frequency (Hz)

