



1st order allpass: calculating coefficients from f_c (Hz)

$$N = (\pi f_c / f_s - 1) / (\pi f_c / f_s + 1)$$

$a_0 = N$
 $a_1 = 1$
 $a_2 = 0$

$b_1 = N$
 $b_2 = 0$