

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

$$N = (\pi f_c / f_s - 1) / (\pi f_c / f_s + 1)$$
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$$a_1 = 1$$
$$a_2 = 0$$
$$b_1 = N$$
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SurroundLookup01

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SurroundLookup02

SurroundLookup02

SurroundLookup03

SurroundLookup03

Note that these lookup tables do not directly match the old versions - 01 and 03 are swapped

