

For $F(\text{output})/X(\text{input}) = (A \cdot S + B) / (C \cdot S + D)$
 Spring: $K_0 = A/C$ $K_1 = A - K_0$
 Damping: $B_1 = K_1/D$

0.4Hz 2Amp

1 layer: (0.1017S+0.0006423) / (S+0.1751)	$K_0=0.0037$; $K_1=0.098$; $B_1=0.5599$
3 layer: (0.2469S+0.001968) / (S+0.07332)	$K_0=0.0268$; $K_1=0.2201$; $B_1=3.0013$
5 layer: (0.4832S+0.01264) / (S+0.1699)	$K_0=0.0744$; $K_1=0.4088$; $B_1=2.4061$

5layer 0.4Hz

1 Amp: (0.4778S+0.002259) / (S+0.05577)	$K_0=0.0405$; $K_1=0.4373$; $B_1=7.8410$
2 Amp: (0.4832S+0.01264) / (S+0.1699)	$K_0=0.0744$; $K_1=0.4088$; $B_1=2.4061$
3 Amp: (0.5081S+0.00298) / (S+0.04437)	$K_0=0.0672$; $K_1=0.4409$; $B_1=9.9377$
4 Amp: (0.5139S+0.007061) / (S+0.05042)	$K_0=0.1400$; $K_1=0.3739$; $B_1=7.4148$
5 Amp: (0.5182S-0.006031) / (S+0.05315)	$K_0=0.1135$; $K_1=0.4047$; $B_1=7.6148$