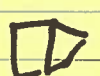
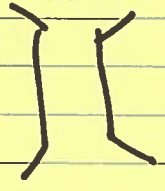


Disk Indentation



N → ③

$$H(z) = \frac{1 + 0.75z^{-1} + 5.3z^{-2}}{1 + 9.6z^{-1} + 18.4z^{-2}}$$

$$\frac{1 + z^{-1} + 5z^{-2}}{1 + 10z^{-1} + 16z^{-2}}$$

① redesigning the filter so that
poles are [-1, 1].

$$[-1, 1] \Rightarrow [32767, 32767]$$

16 bit coef x 16 bit sample
= 32 bits

