





























## All-pass Function• Uniform magnitude response at all frequencies.• Can be used to tailor phase characteristics of a signal• Transfer function is given by: $A_{\nu}(s) = A_o \frac{s - \omega_o}{s + \omega_o}$ • For positive $A_o$ , $|A_{\nu}(j\omega)| = A_o$ $\angle A_{\nu}(j\omega) = -2\tan^{-1}(\frac{\omega}{\omega_o})$ ESAC







