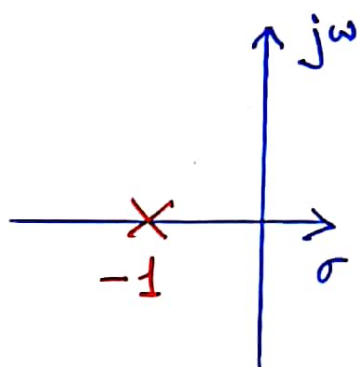
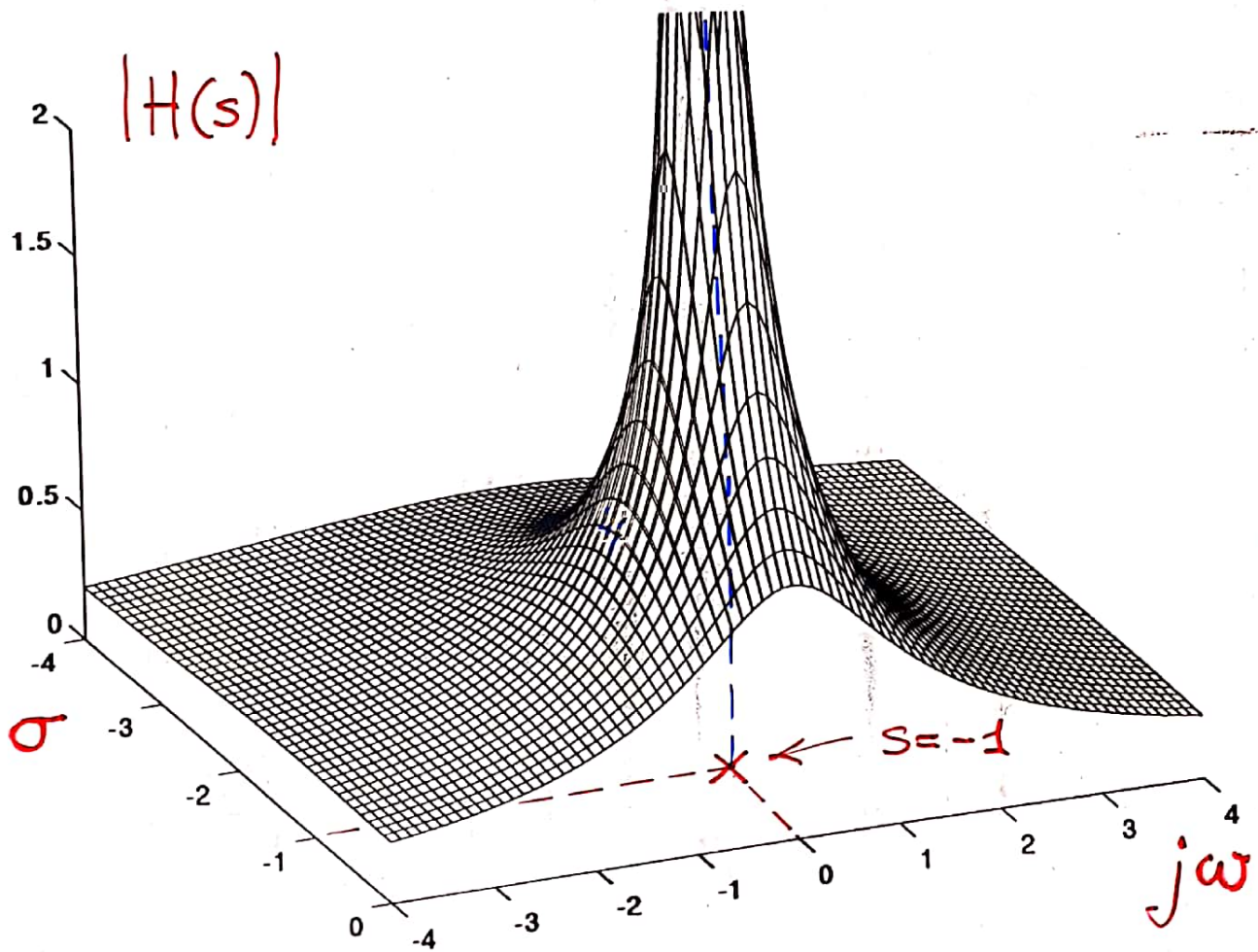
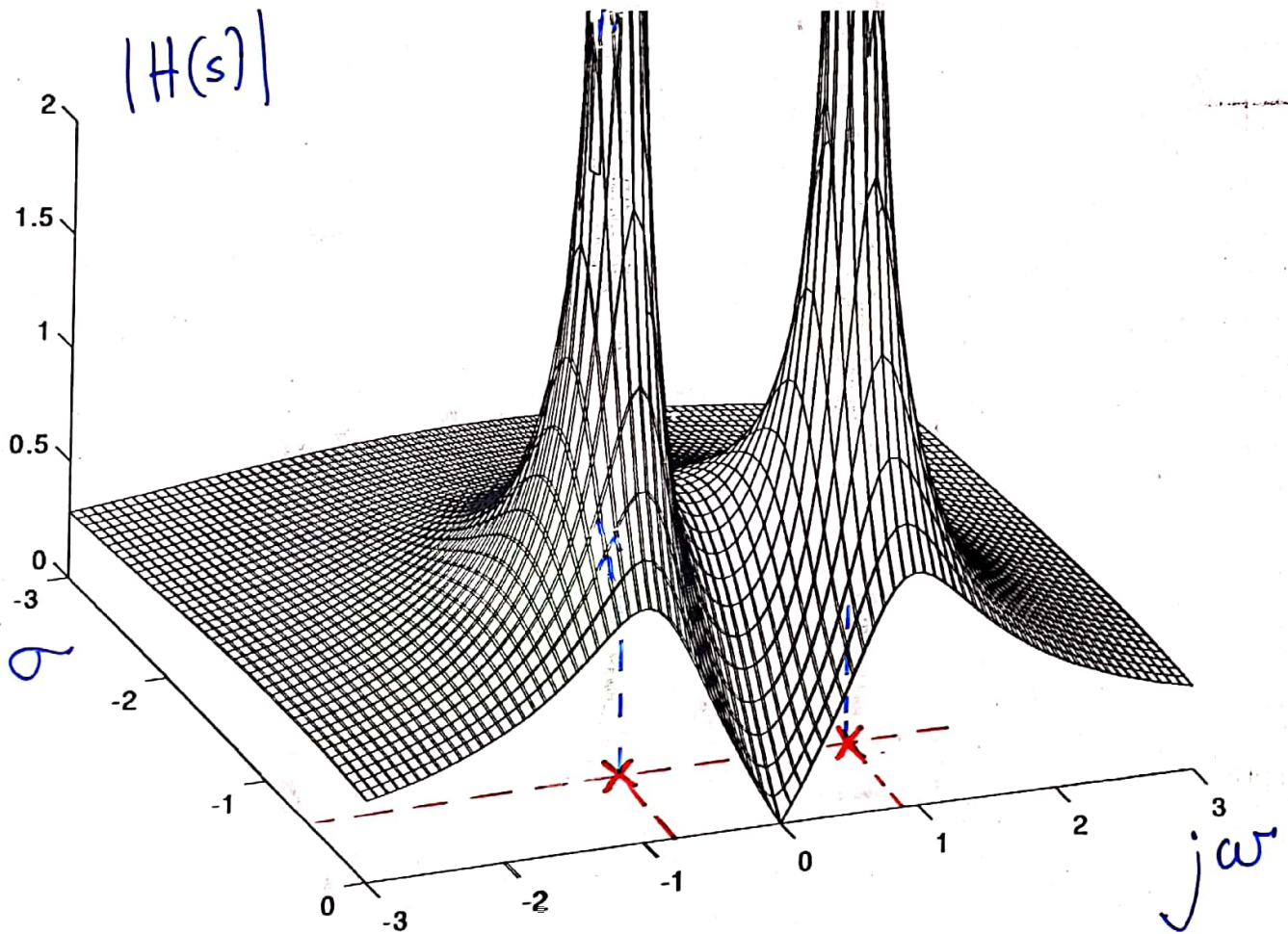
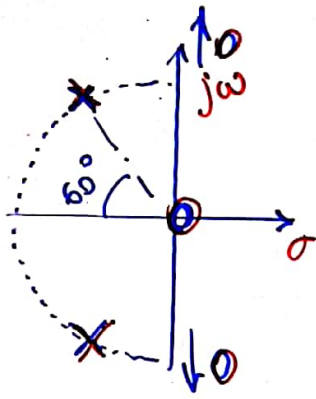




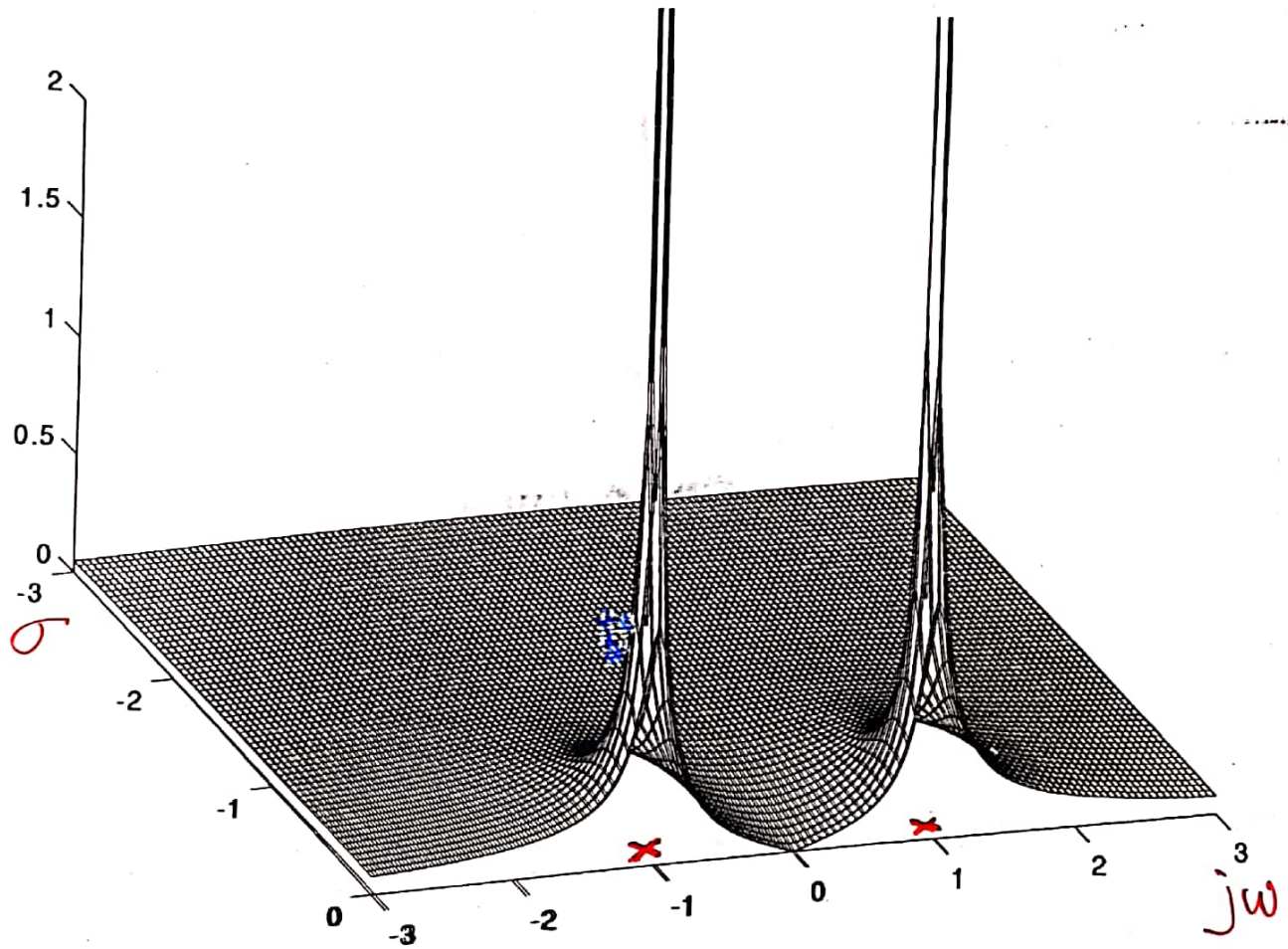
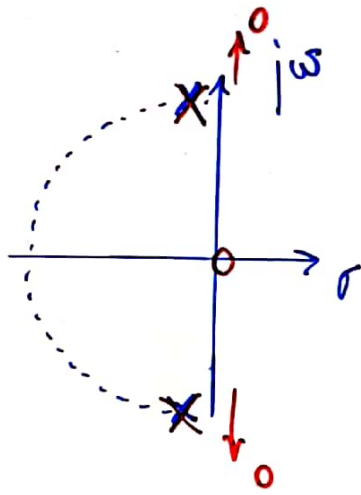
$$H(s) = \frac{1}{s+1}$$

$$\omega_c = 1$$



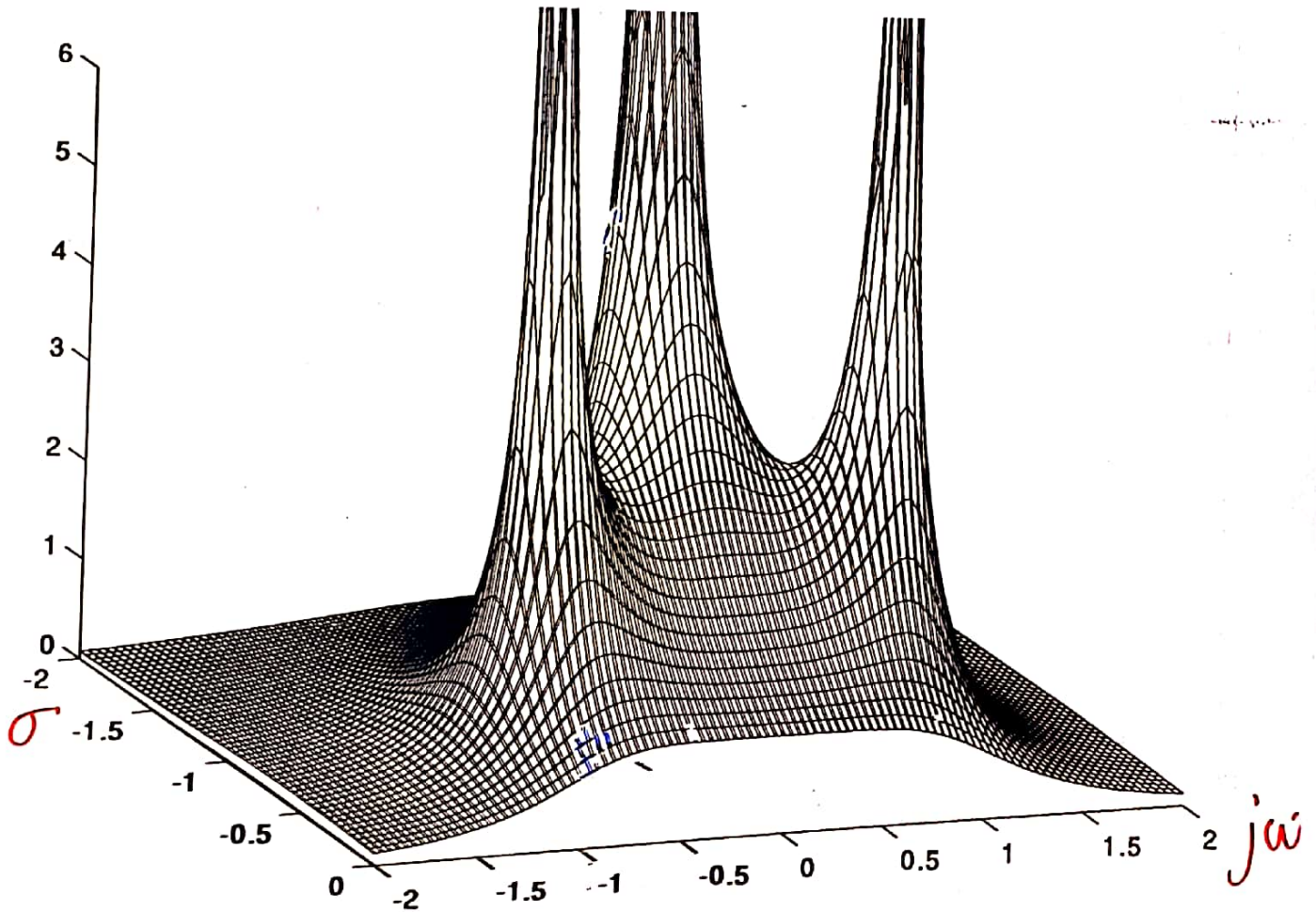
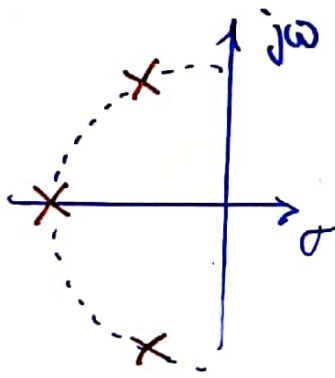
$$H(s) = \frac{s}{s^2 + s + 1} \quad Q_s = 1$$

$$\text{poli } s_{1,2} = -\frac{1}{2} \pm j \frac{\sqrt{3}}{2}$$



$$H(s) = 0.2 \frac{s}{s^2 + 0.2s + 1} \quad Q_s = 5$$

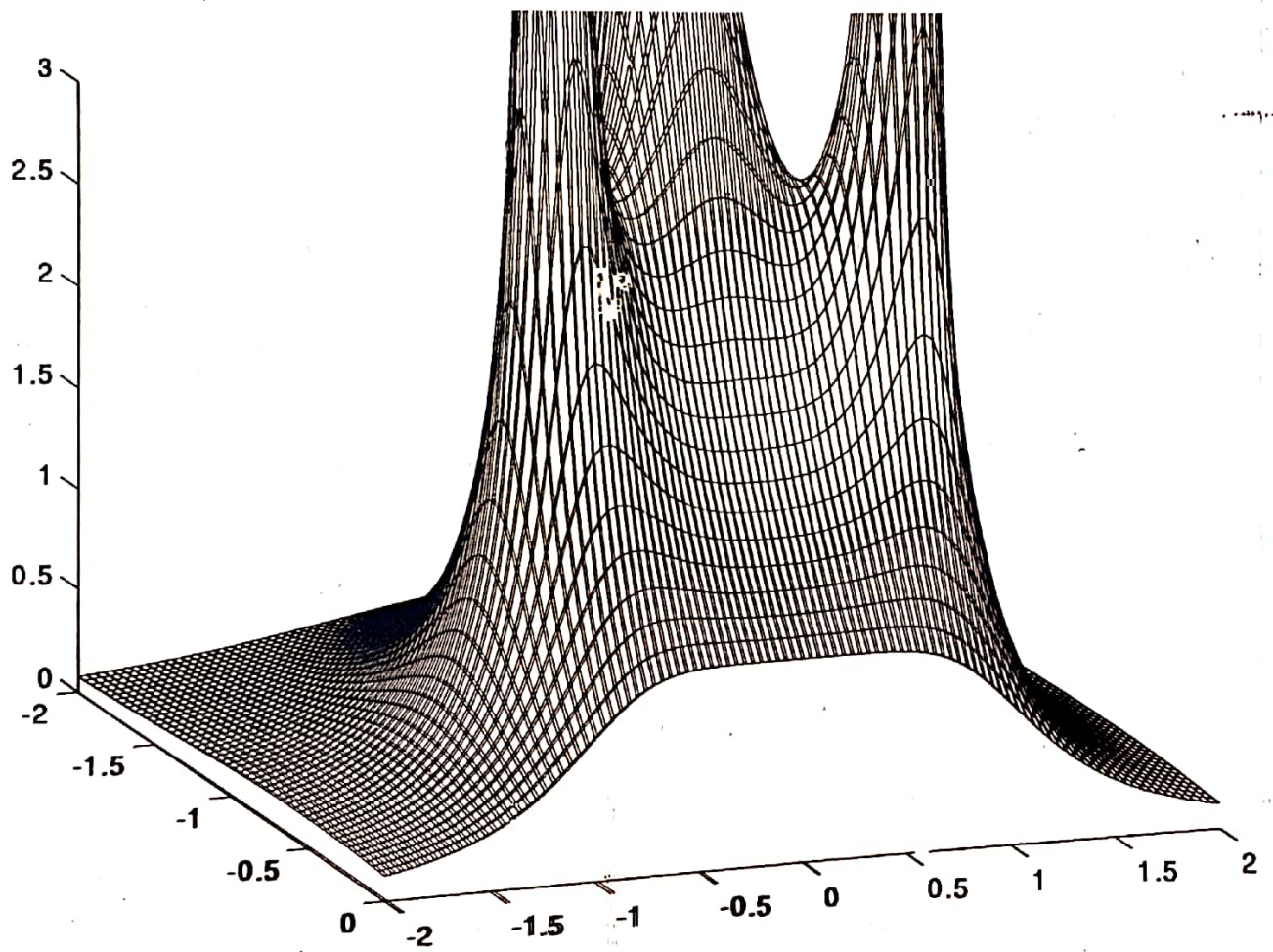
$$\text{poli: } s_{1,2} \approx -0.1 \pm j1$$

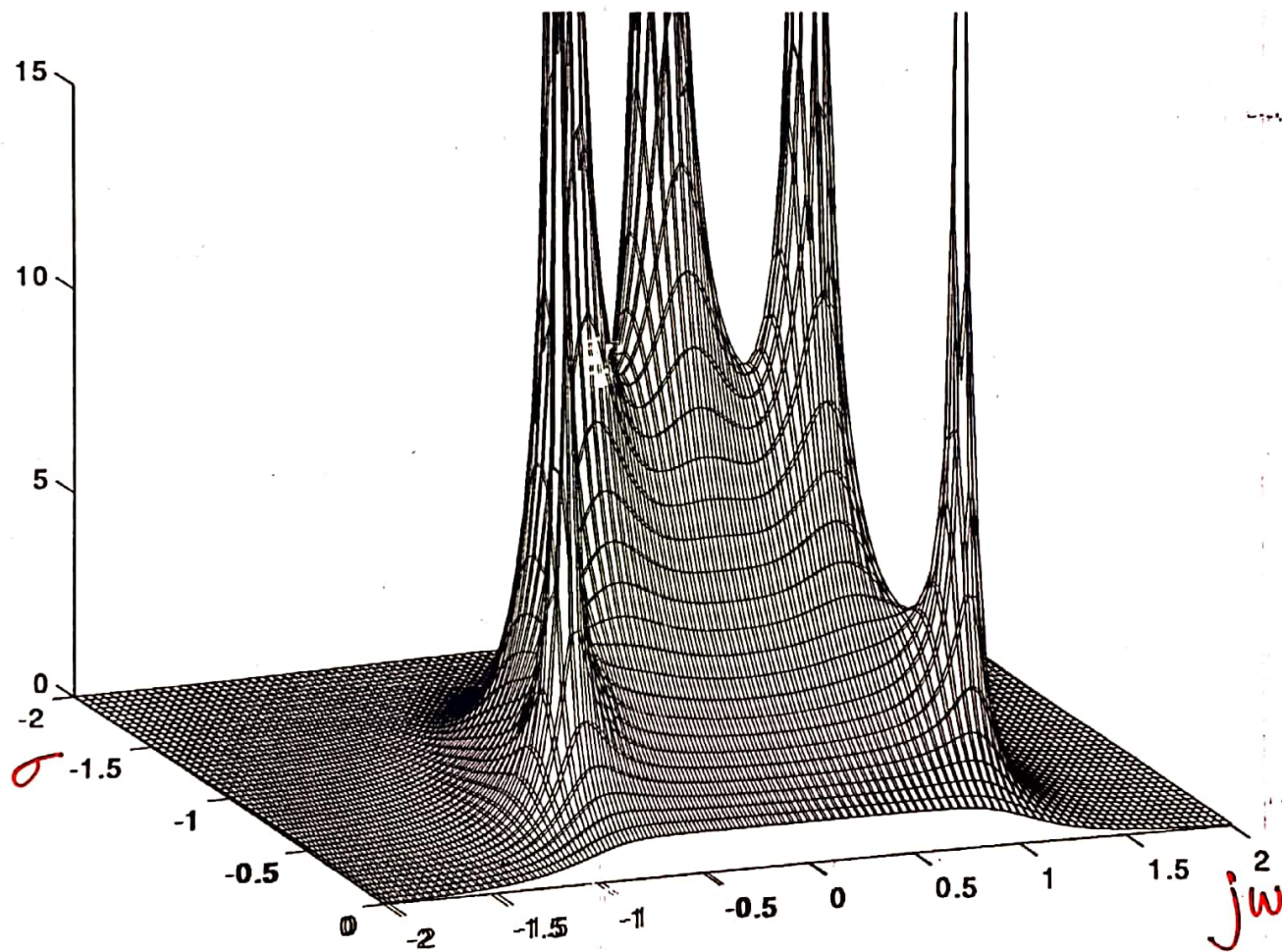
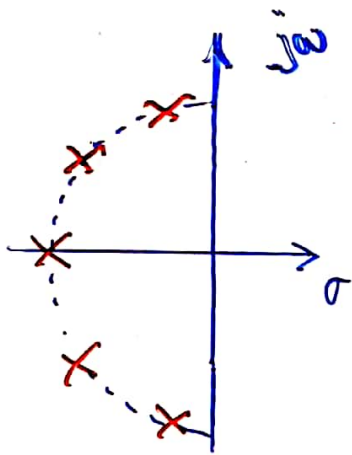


PASSA BASSO DI BUTTERWORTH III ORDINE

$$H(s) = \frac{1}{(s+1)(s^2+s+1)}$$

$$\text{poli: } s_1 = -1; \quad s_{2,3} = -\frac{1}{2} \pm j \frac{\sqrt{3}}{2}$$





Passo Basso di Butterworth VORDINE

