

$$-\omega_b^2 A_s + 2\xi\omega_n\omega_b B_s + \omega_n^2 A_s = f_{os}$$

$$\omega_b^2 B_s + 2\xi\omega_n\omega_b A_s - \omega_n^2 B_s = 0$$

$$\begin{bmatrix} \underbrace{\omega_n^2 - \omega_b^2}_{=\alpha} & \underbrace{2\xi\omega_n\omega_b}_{=\beta} \\ 2\xi\omega_n\omega_b & \underbrace{\omega_n^2 - \omega_b^2}_{\text{circled}} \end{bmatrix} \begin{bmatrix} A_s \\ B_s \end{bmatrix} = \begin{bmatrix} f_{os} \\ 0 \end{bmatrix}$$

↳ $\omega_n^2 - \omega_b^2$ 이 아닌 $\omega_b^2 - \omega_n^2$ 이 맞지 않나 싶습니다!