forward gain
────────────
1 + loop gain

sys 1

$-D(s)$ → sysg1 [4] → sysg 2 $\dfrac{2}{(s+1)(s/8)}$ → sysg 3 $\dfrac{1}{s}$ → $y(s)$

sysh $0,2$
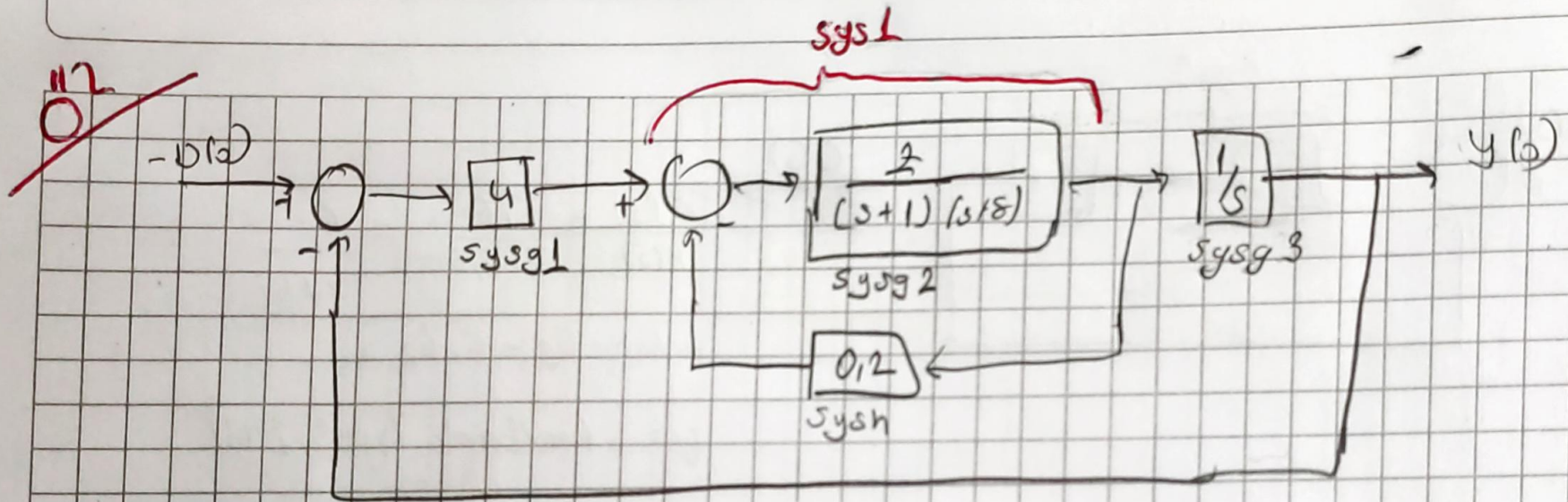
• adım adım tanımla;

sysg1 = [4];

numg2 = [2]; deng2 = [1 8]; sysg2 = tf(numg2, deng2);

numg3 = [1]; deng3 = [1]; sysg3 = tf(numg3, deng3);

sysh = [0,2];

sys1 = feedback(sysg2, sysh);

sys2 = series(sys1, sysg3);

sys3 = series(sysg1, sys2);

sys = feedback(sys3, [1]);

T.F

$$\frac{8}{s + 16.4}$$