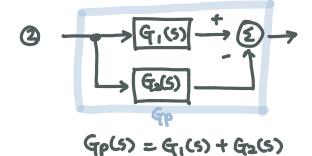
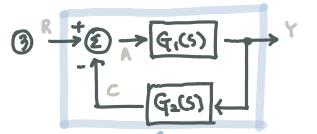
4 Block diagram

: 전체 System를 여러 System으로 나누어 표현하는 방법



Gs (5)= G1(5) G2(5)



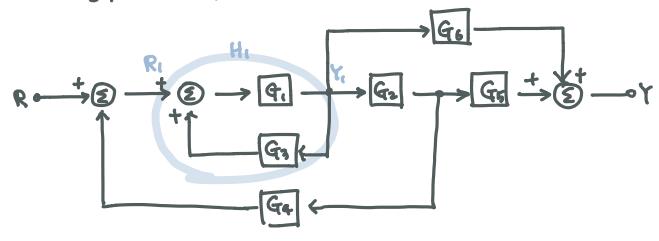


$$Y = Q_1 A$$
 $Y = Q_1 (R - C)$
 $Y = Q_1 A$ $Y = Q_1 (R - Y - Q_2)$

= G, R- Y G, G2

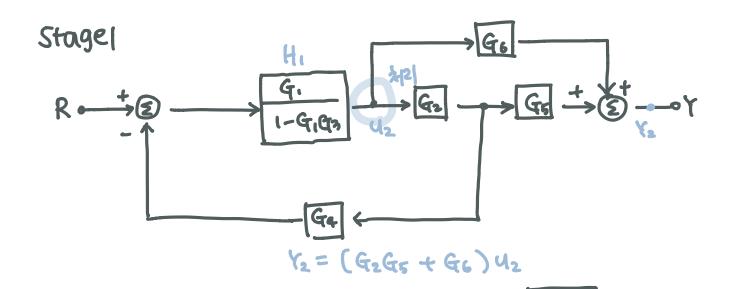
$$G_f = \frac{Y}{R} = \frac{G_1}{1 + G_1G_2}$$

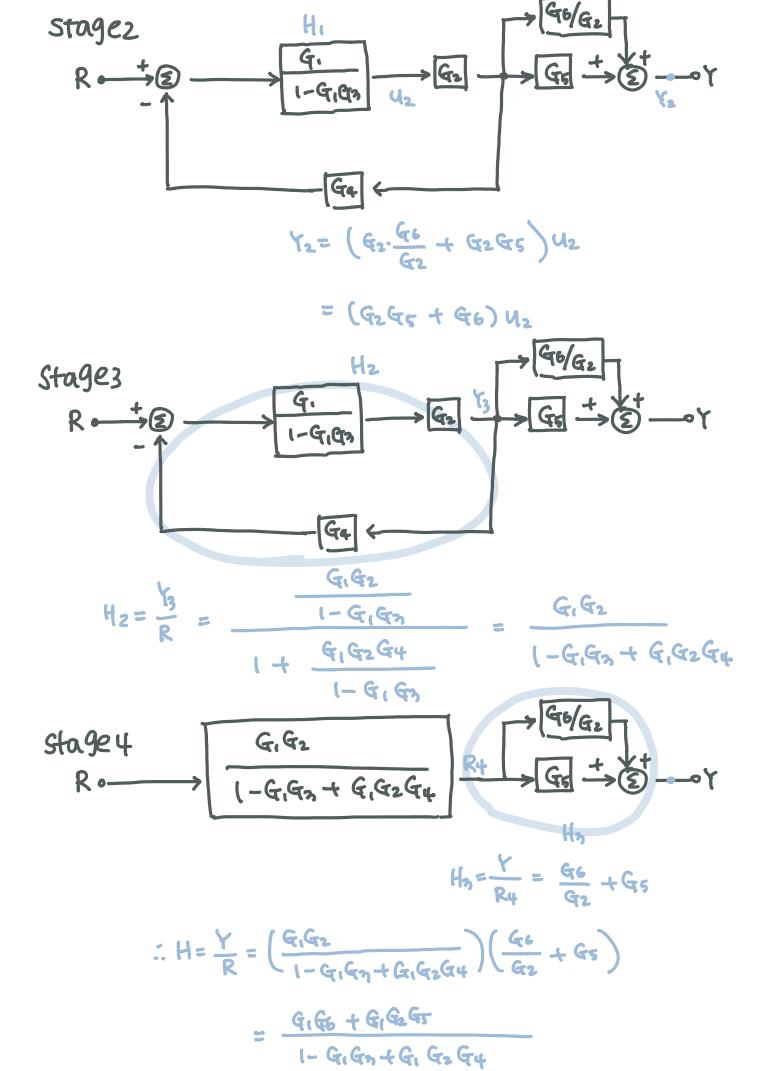
예계 3.27) 블럭선도 2 전달함수

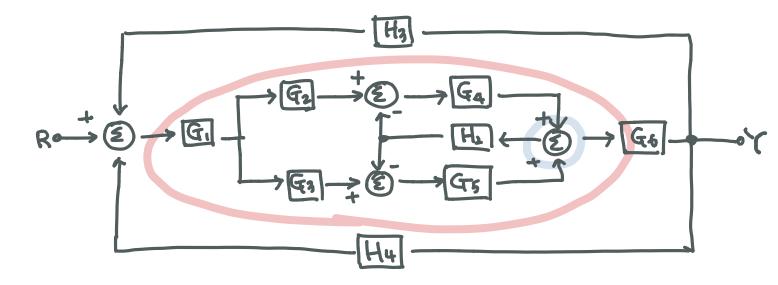


Tip) 4은 (00P부터 제기

$$H_1 = \frac{Y_1}{R_1} = \frac{G_1}{1 - G_1 G_2}$$

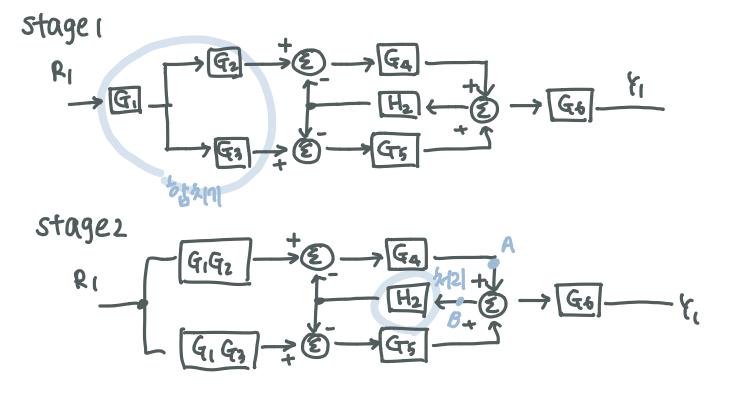






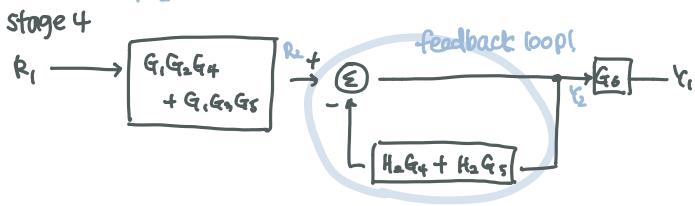
이 문제 Point

- D गद्याहे ११२९३ श भरमा प्राप्त
- ② 2 धुव् २ भ कृष् २ भ
- ③ ध्यम् हमन



지능 45 H2를 제2131기 위 511선 node A 에서의 값을 알아야함
A = G1G2G4 - H2G4B ← node A의 Signal 은 2대3 유지라면서 block 경21

म भ भा भारत मुल भारत क



$$\frac{R_{2}}{R_{1}} = \frac{1 + (H_{2}G_{4} + H_{2}G_{5})}{(G_{1}G_{2}G_{4} + G_{1}G_{3}G_{5})} \left(\frac{1}{1 + CH_{2}G_{4} + H_{2}G_{5}} \right) G_{6}$$

