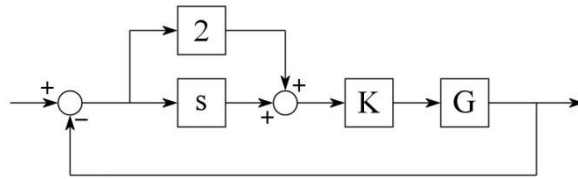
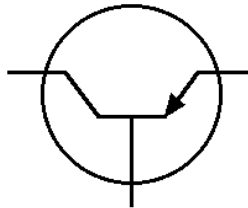


1. For $G(s) = \frac{1}{s^2 + 2s + 2}$, determine the value of K for the following feedback control system so that the steady state error for a unit-step input is 0.01



- A. 198
 B. 98
C. 99
 D. 49
2. What are the four framework activities found in the Extreme Programming (XP) process model?
- A. Analysis, design, coding, testing
B. Planning, design, coding, testing
 C. Planning, analysis, coding, design
 D. Planning, analysis, design, coding
3. What type of transistor is shown?



- A. JPET
 B. Darlington pair
 C. NPN bi-polar
D. PNP bi-polar