

A diagram illustrating the multiplication of two transfer functions in the s-domain. It features a light gray rectangular box with a thick black border. Inside the box, the equation $G(s) = G_1(s) \cdot G_2(s)$ is written in a black, handwritten-style font. To the left of the box, a thick black arrow points horizontally towards the box. To the right of the box, another thick black arrow points horizontally away from the box.

$$G(s) = G_1(s) \cdot G_2(s)$$