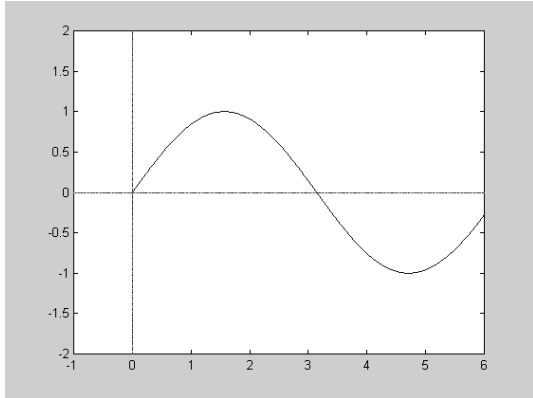


Control

Traslación de una función

■ Sea la función:

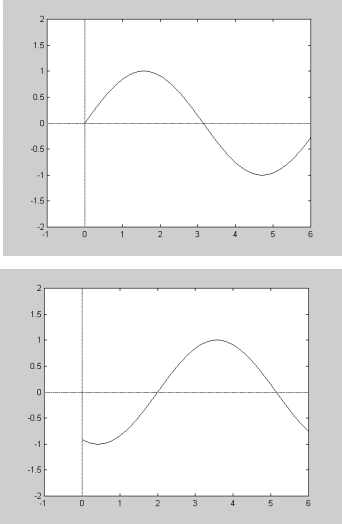
$$f(t) = \begin{cases} 0 & t < 0 \\ \text{sen}(t) & t \geq 0 \end{cases}$$


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Control

Traslación de una función

■ Traslados 2 segundos, $f(t-2)$:

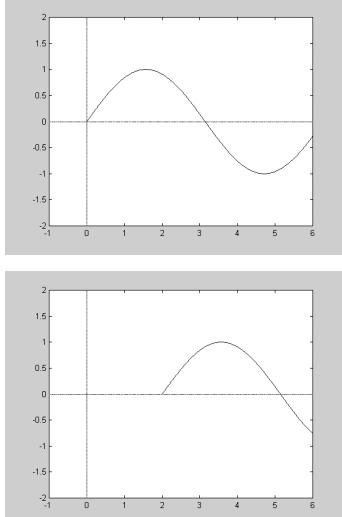


$$f(t) = \begin{cases} 0 & t < 0 \\ \text{sen}(t-2) & t \geq 0 \end{cases}$$


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Control

Traslación de una función

■ Traslación correcta: $f(t-2)u(t-2)$:


$$f(t) = \begin{cases} 0 & t < 0 \\ \text{sen}(t-2)u(t-2) & t \geq 0 \end{cases}$$


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