

ROM

input  $t$



A block diagram of a ROM system. A light blue rectangular block is centered in the image. Above the block, the text "ROM" is written in a large, black, sans-serif font. To the left of the block, the text "input  $t$ " is written in a black, sans-serif font. A horizontal black arrow points from the text "input  $t$ " to the left side of the block. Inside the block, the differential equation  $\frac{d}{dt} q = Q(q, t)$  is written in a black, sans-serif font. To the right of the block, the text "output  $\tilde{f}$ " is written in a black, sans-serif font. A horizontal black arrow points from the right side of the block to the text "output  $\tilde{f}$ ".

$$\frac{d}{dt} q = Q(q, t)$$

output  $\tilde{f}$