

ROM

input t



A block diagram of a ROM system. A light blue rectangular block with a black border is centered. 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}