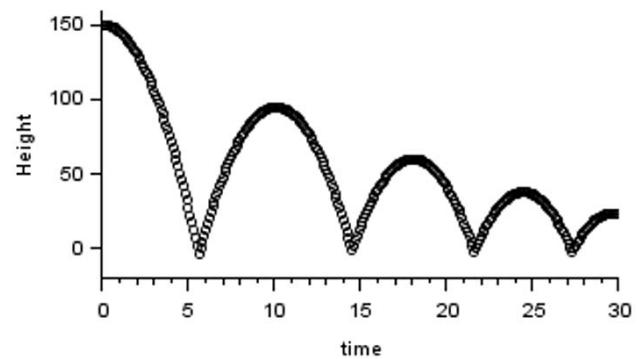
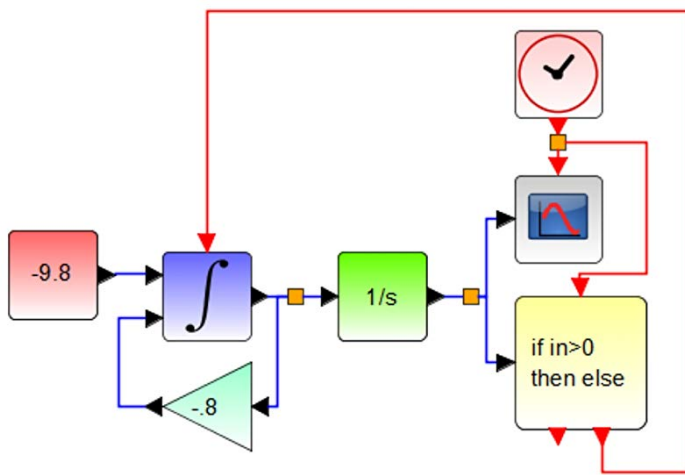


# Introduction to Xcos

A Scilab Tool for Modeling Dynamical Systems

## Bouncing Ball



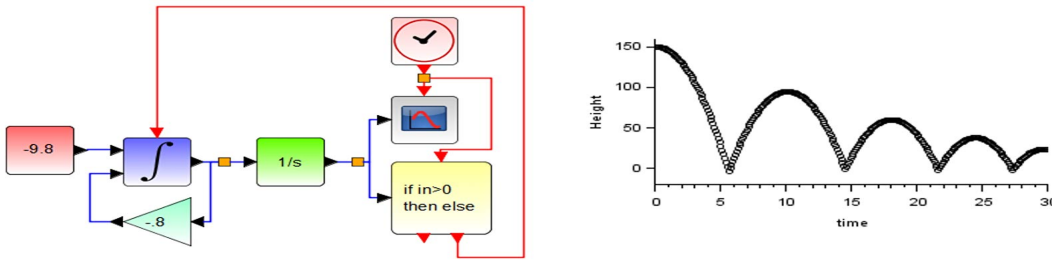
$$\begin{cases} \ddot{y} = -g & \text{for } y > 0 \\ \ddot{y} = -k\dot{y} & \text{for } y = 0 \end{cases}$$

Arvind Kumar Verma  
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