

1 Examples

The examples below illustrate the use of the Simulink implementation above.

Example 1.4 (alternate way to simulate the bouncing ball)

Consider the bouncing ball system with a constant input and regular data as given in Example 1.3. This example shows that a MATLAB function block, such as the jump set D , can be replaced with operational blocks in Simulink. Figure 1 shows this implementation. The other functions and solutions are the same as in Example 1.3.

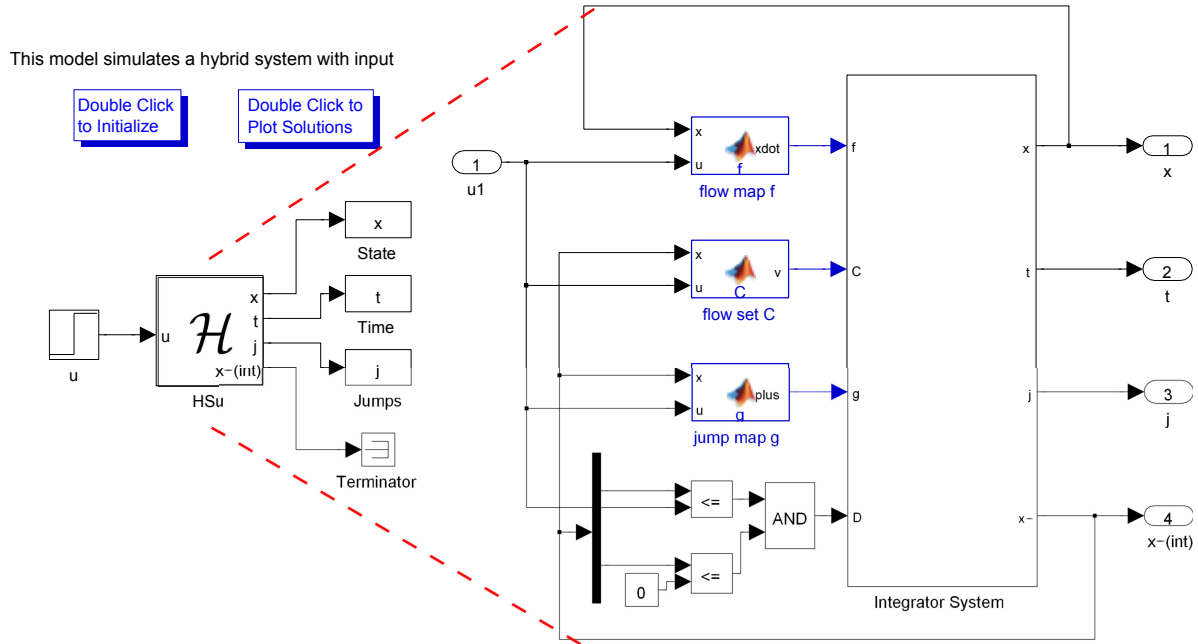


Figure 1: Simulink implementation of bouncing ball example with operator blocks

For MATLAB files of this example, see Examples/Example_1.3 and Examples/Example_1.4.

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