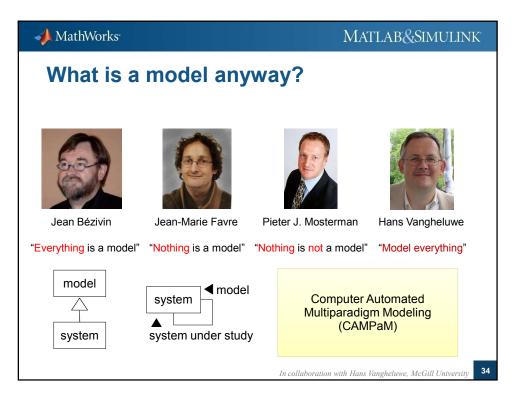
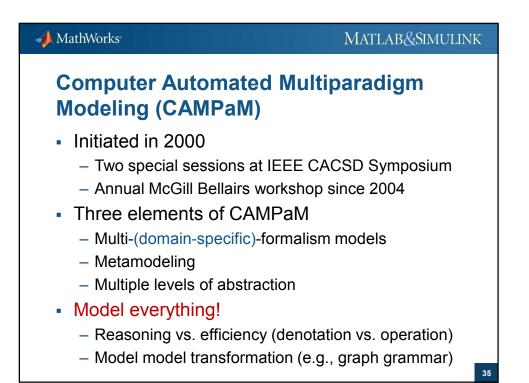
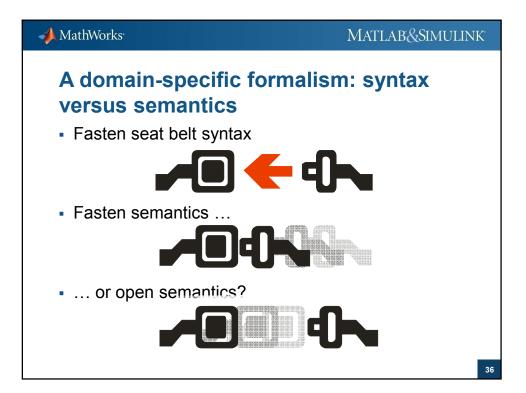
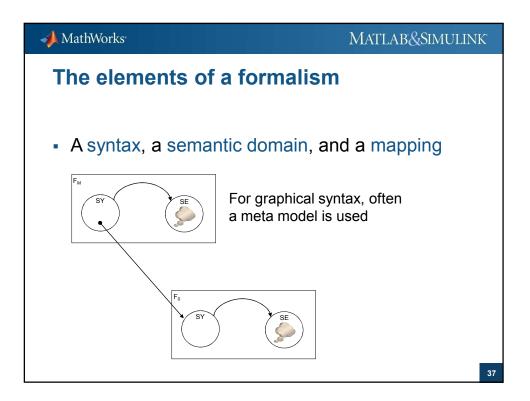


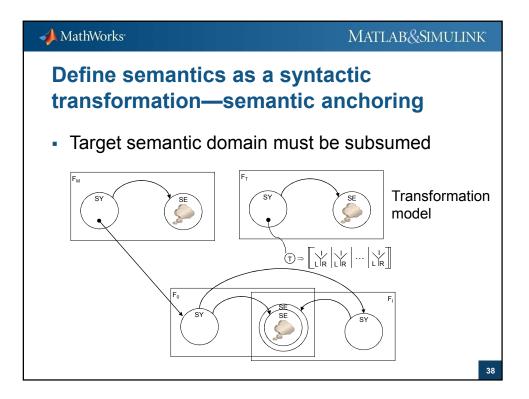
| 📣 MathWorks                             |              | MATLAB&SIMULINK                          |    |
|---|--------------|--|----|
| What is a model anyway?                 |              |  |    |
| Jean Bézivin<br>"Everything is a model" |              | Pieter J. Mosterman                      |    |
| model<br>system                         | system model | system<br>model<br>system<br>under study | 33 |

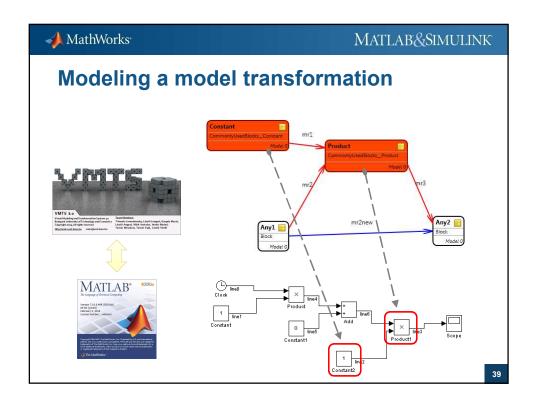


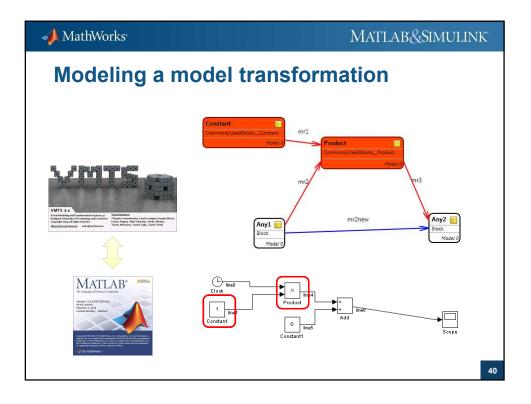


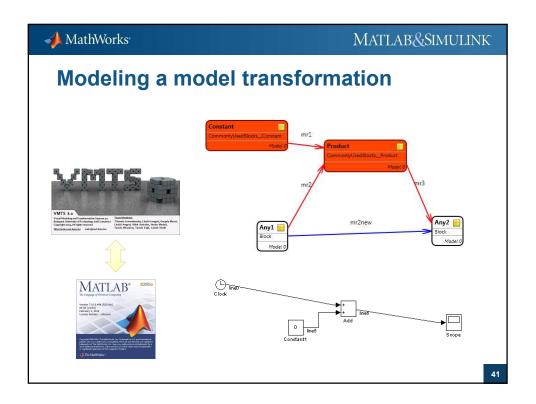


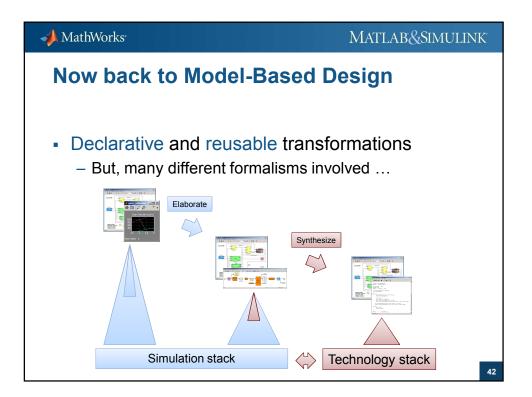


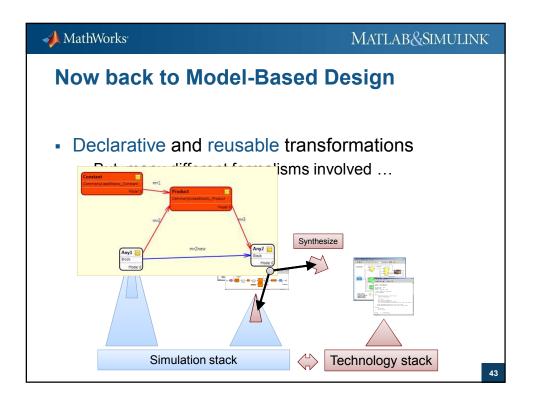


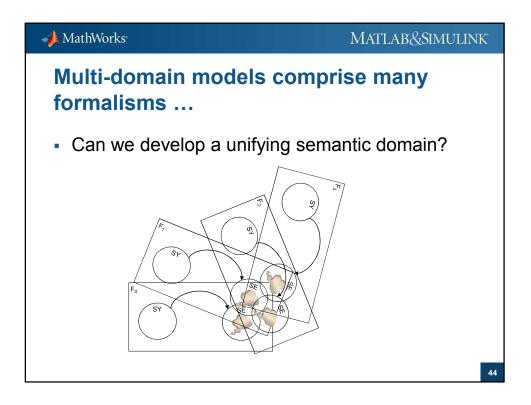


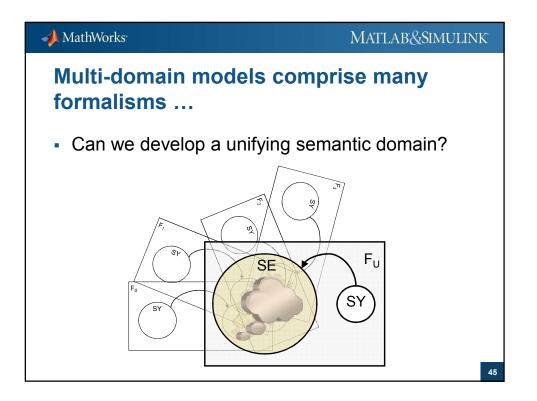


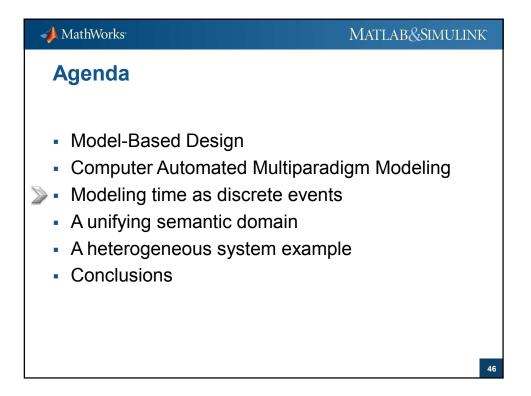




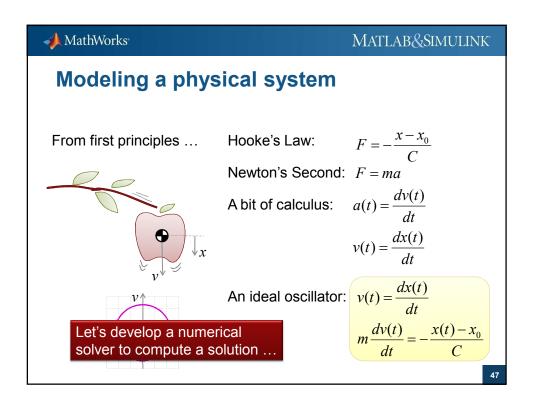


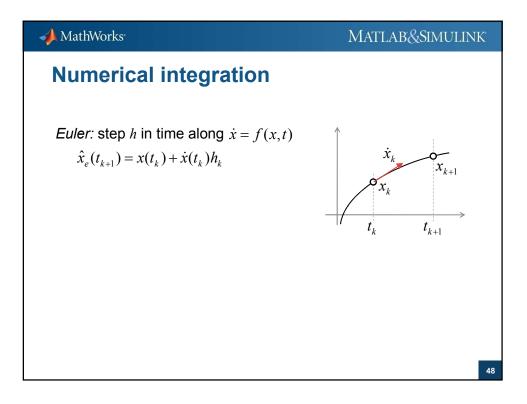


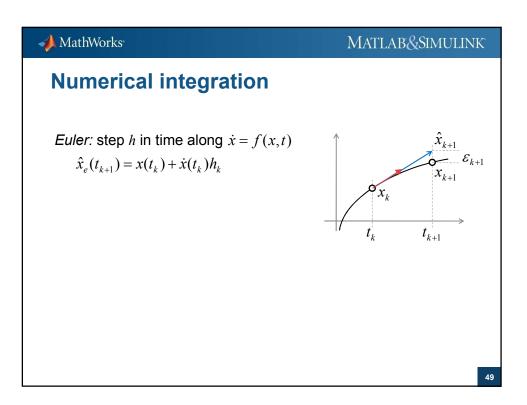


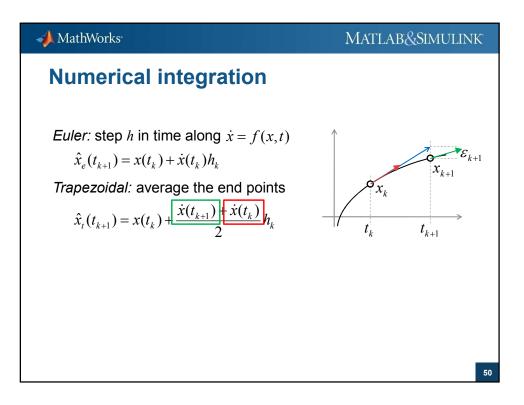


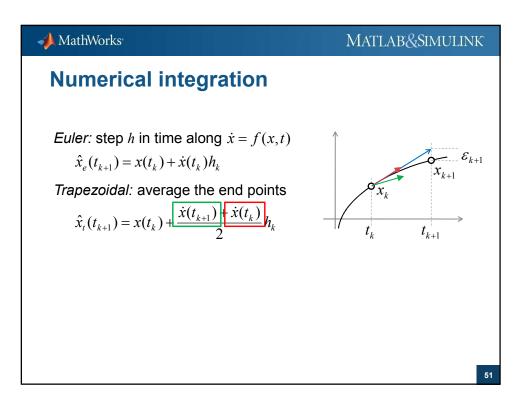
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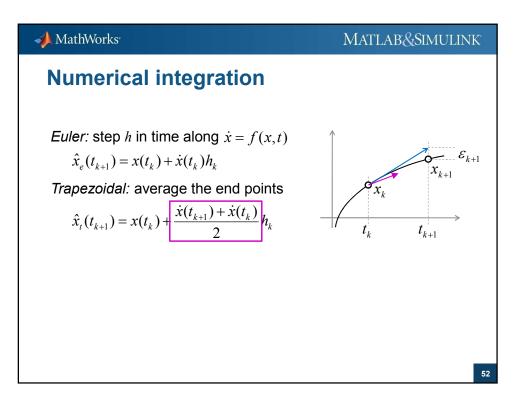


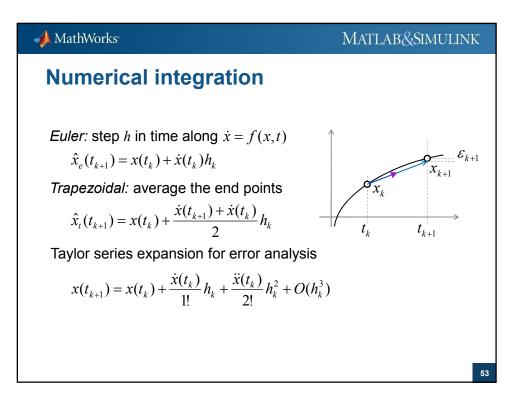


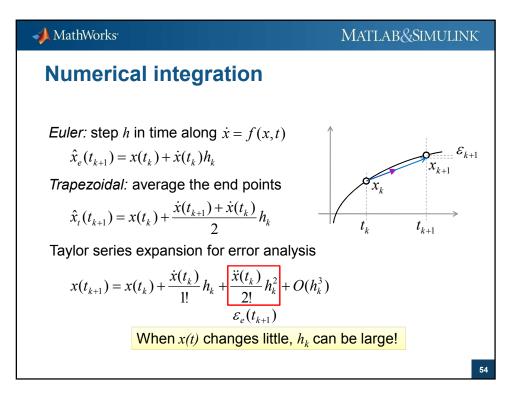


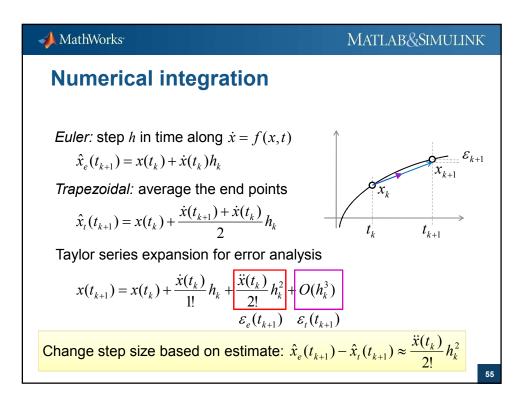


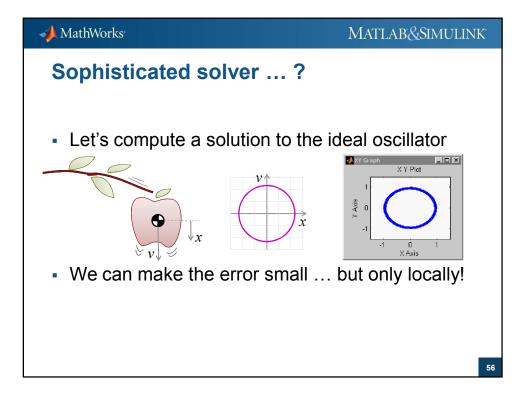


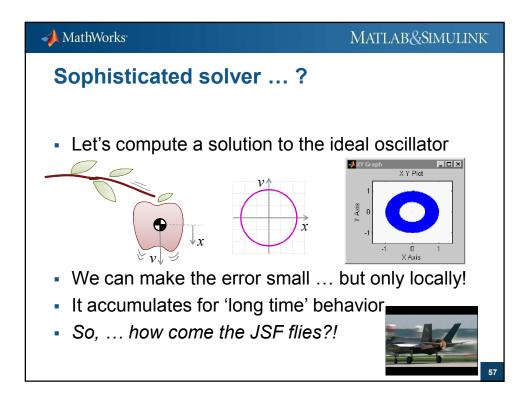


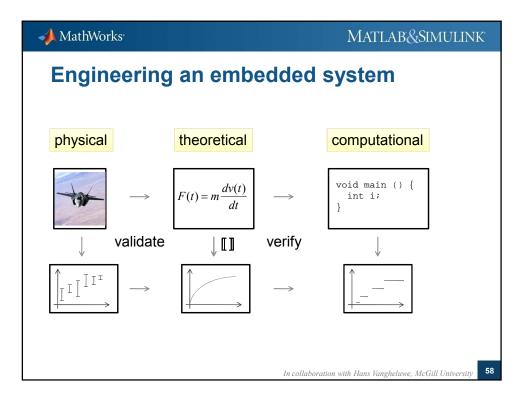


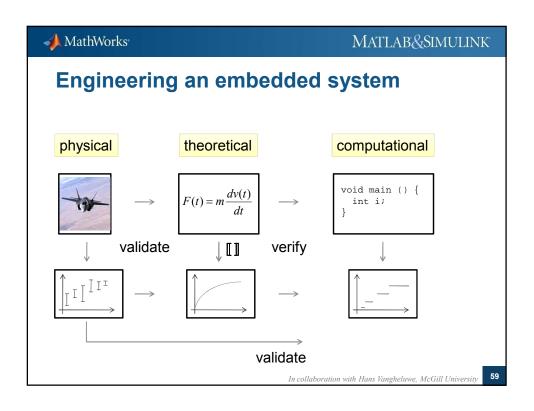


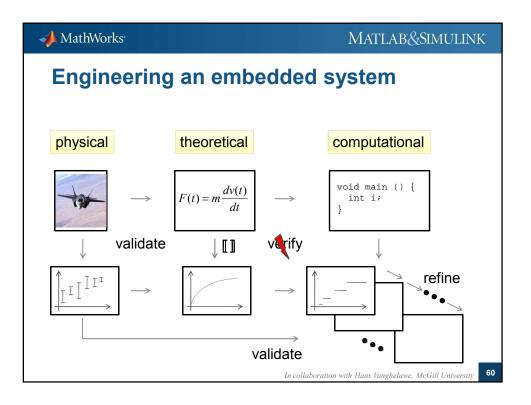


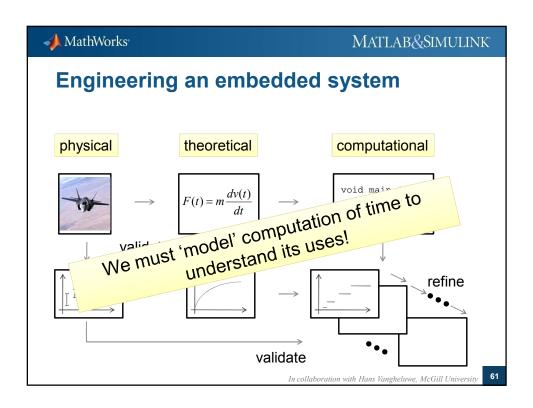


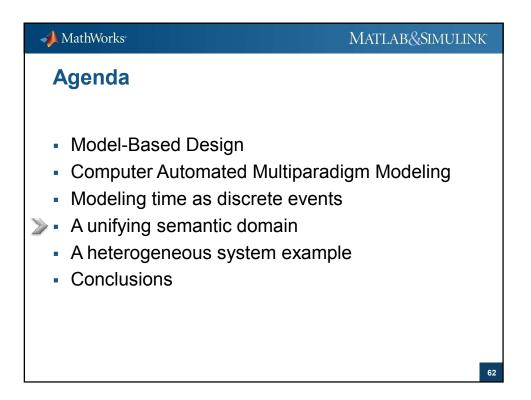


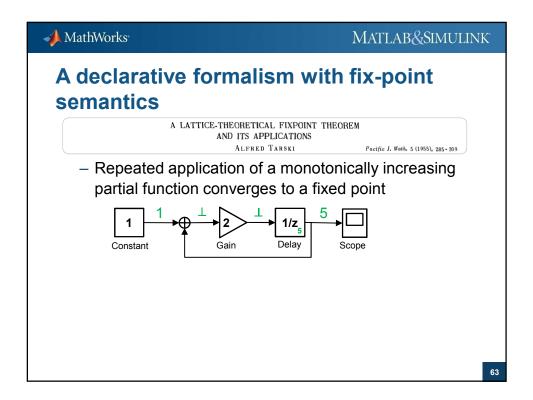


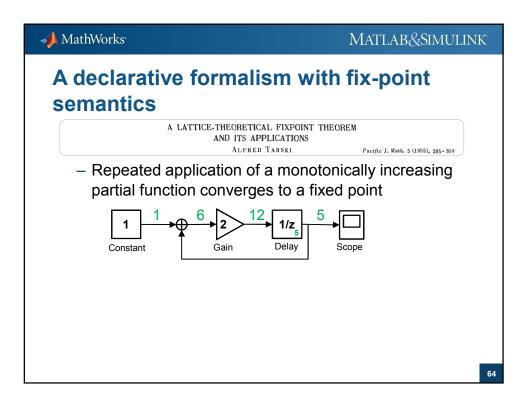


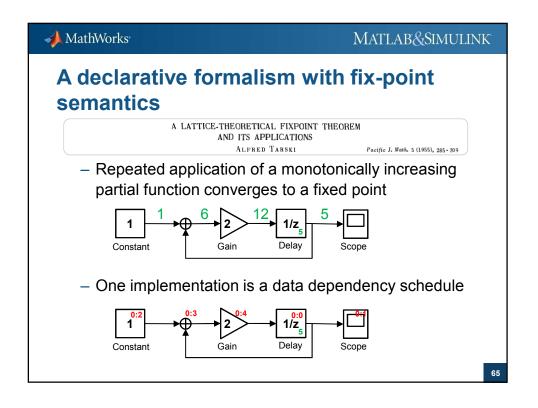


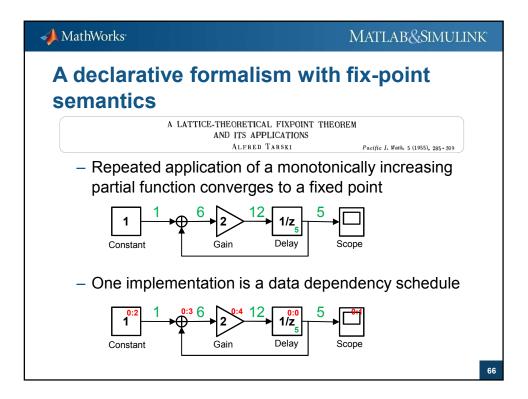


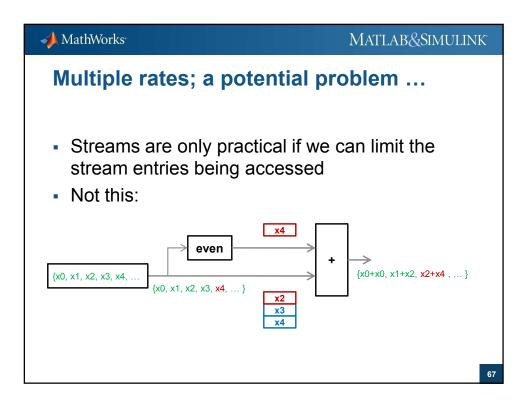


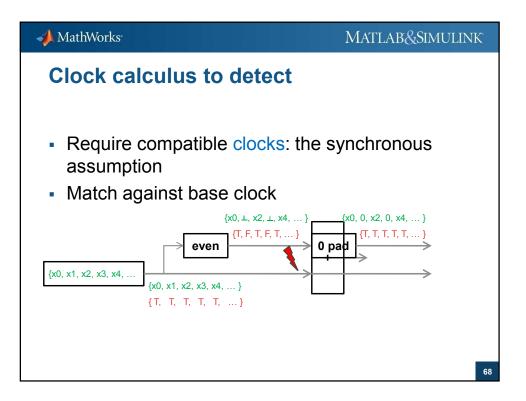


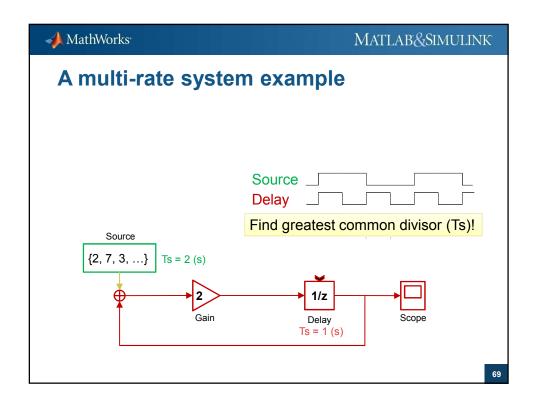


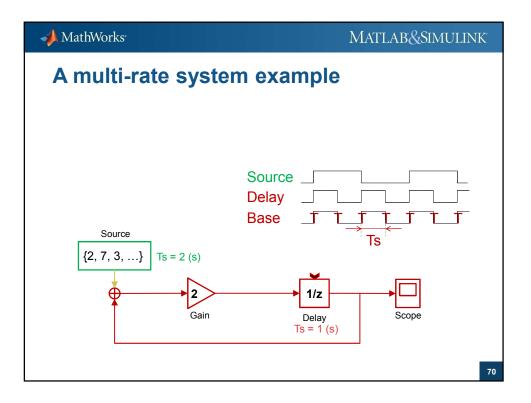




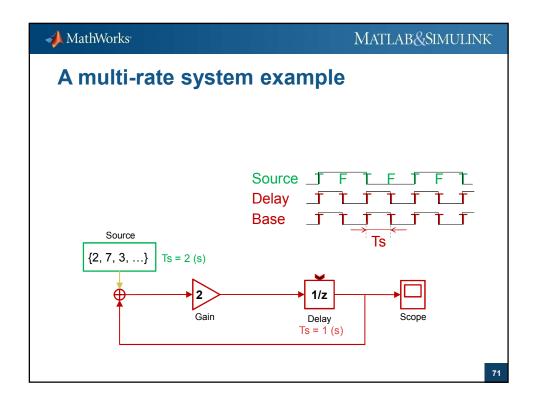


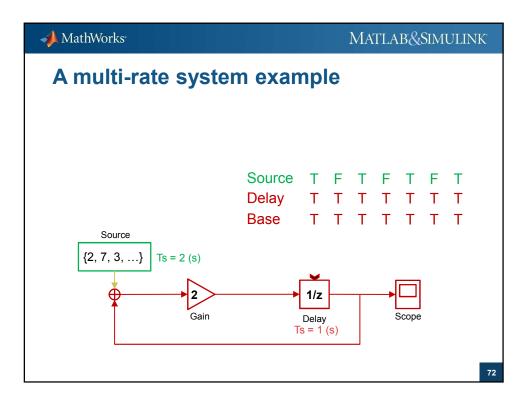




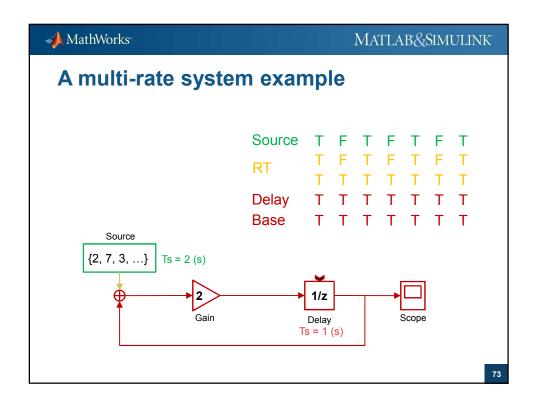


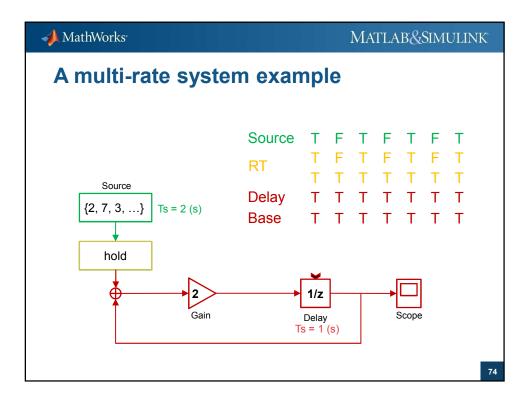
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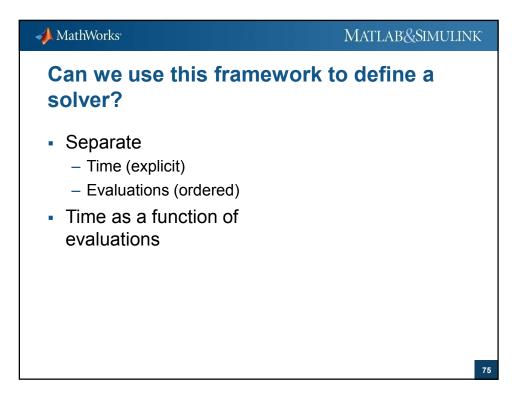


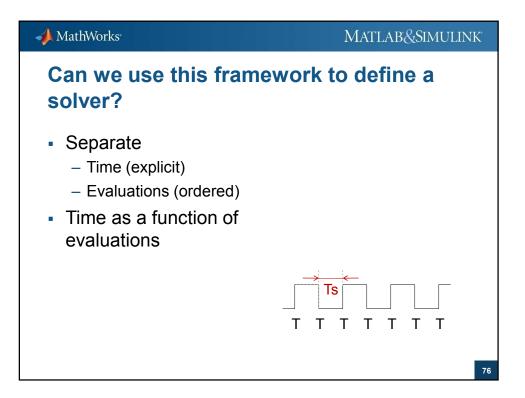


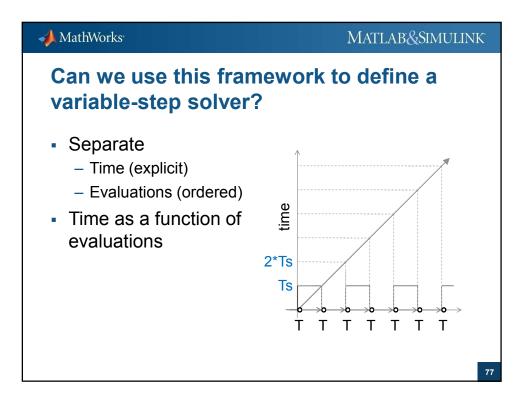
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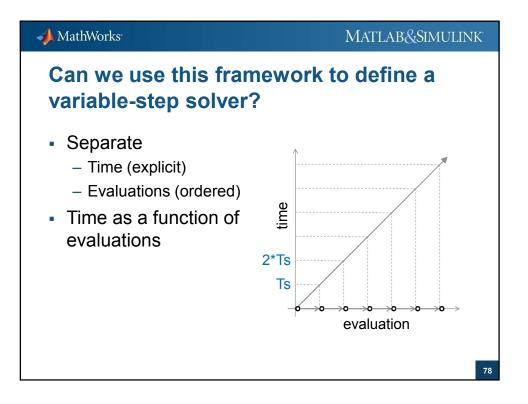


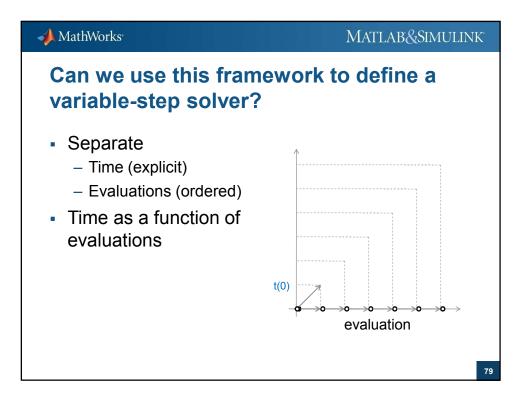


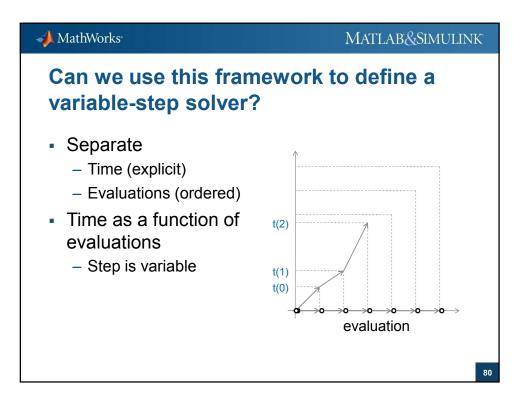


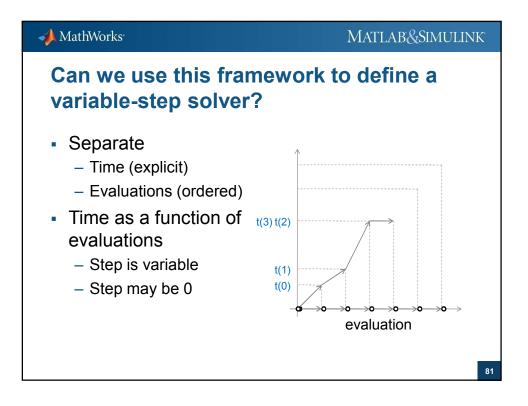


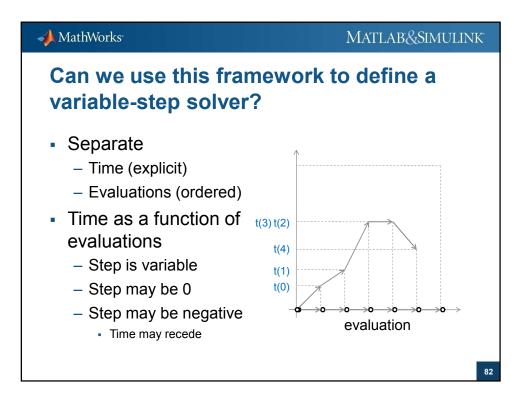


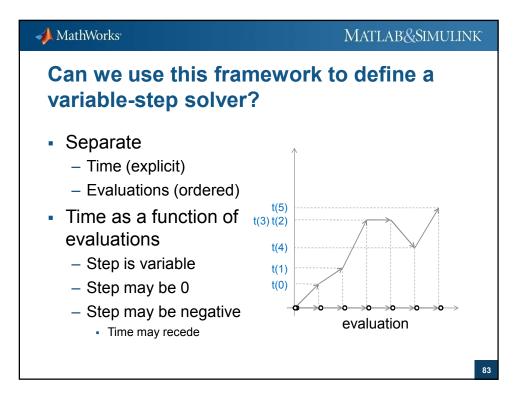


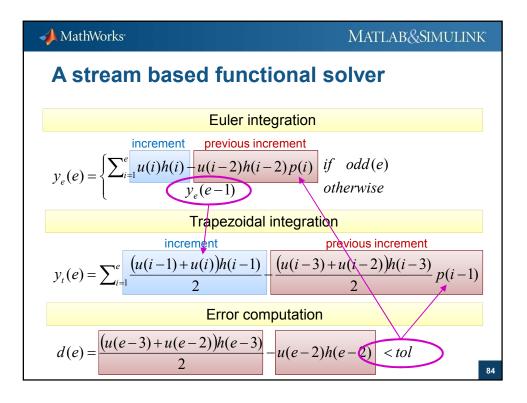


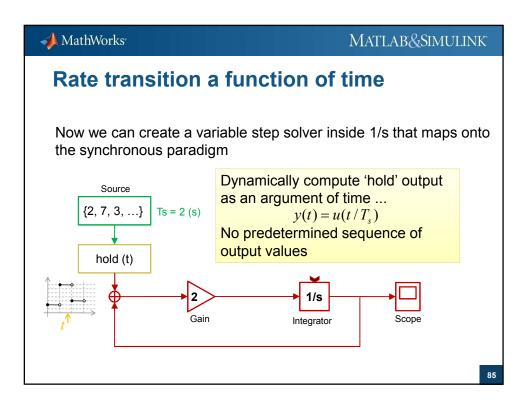


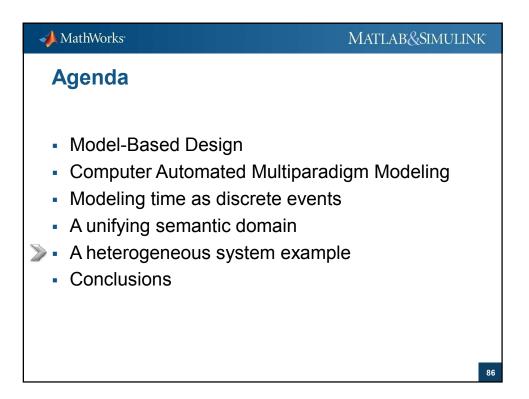


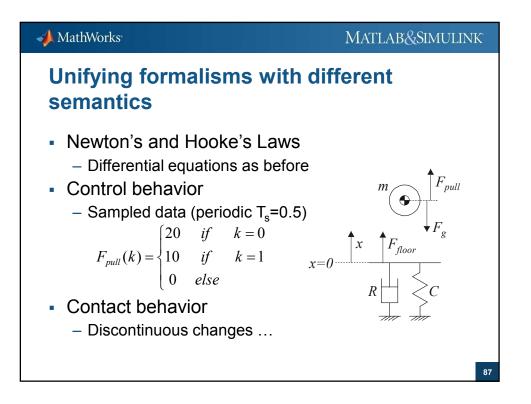


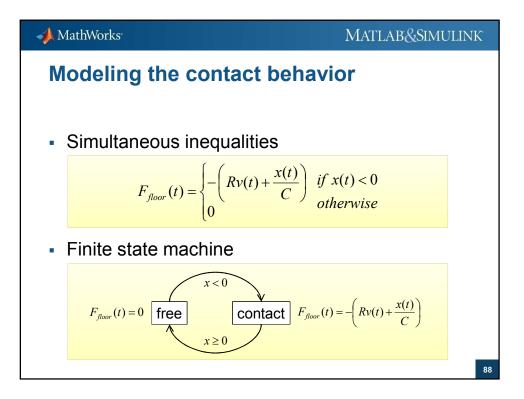




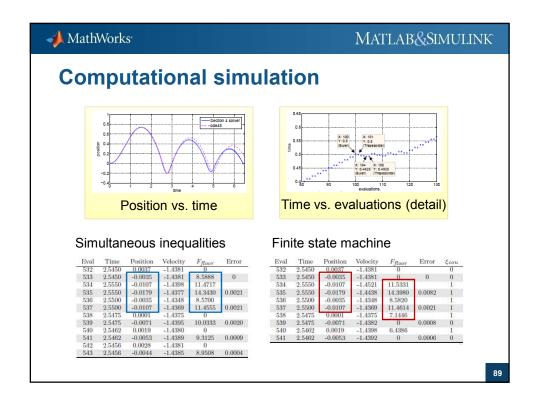








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| ✓ MathWorks  | MATLAB&SIMULINK |
|--|-----------------|
| Characteristics of the semantic domain   |                 |
| <ul> <li>Declarative <ul> <li>Purely functional (no side effects)</li> </ul> </li> <li>Ordered evaluations</li> <li>Untimed <ul> <li>Time as explicit function, t(e)</li> <li>Time is not strictly increasing</li> </ul> </li> <li>Broadly applicable to dynamic systems <ul> <li>Differential equations, difference equations, discrete events</li> </ul> </li> </ul> |                 |

