


# Creating a Curve from Equations

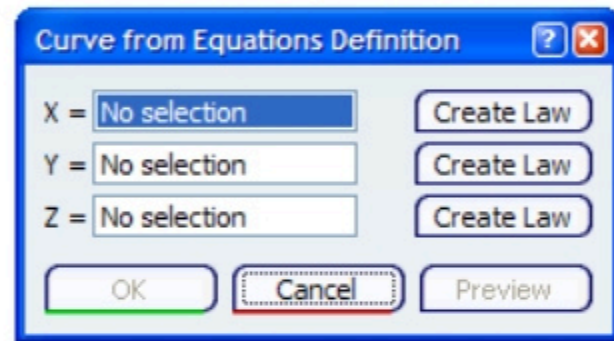
You can create a parametric curve from three Cartesian equations.

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Before you begin: Create a GSD Law feature. Make sure the Relations and Parameters options are selected in the Tools > Options > Infrastructure > 3D Shape Infrastructure > Display tab.

1. Click Curve from Equations  in the Wireframe toolbar (Curves sub-toolbar).

The Curve from Equations Definition dialog box appears.



2. In the X box, select an existing law to compute the X component of the curve.

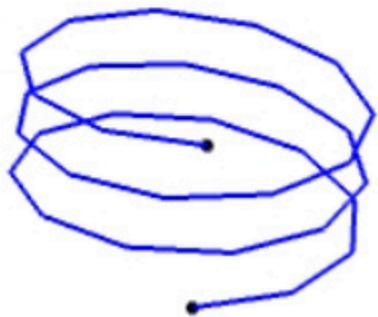
Tips: You can create a new law by one of the following methods:

- Right-click the X box and select Insert Law > Create Law. For more information, refer to [Creating Laws](#).
- Click Create Law. The Law Editor appears. For more information, refer to *Knowledge Advisor User's Guide: Creating and Using a Knowledge Advisor Law*.

3. Repeat the above step for computing the Y and Z component of the curve.

4. Click OK to create the parametric curve.

A spiral created from three Laws



Important: The OK and Preview buttons are available only after the three laws are evaluated.