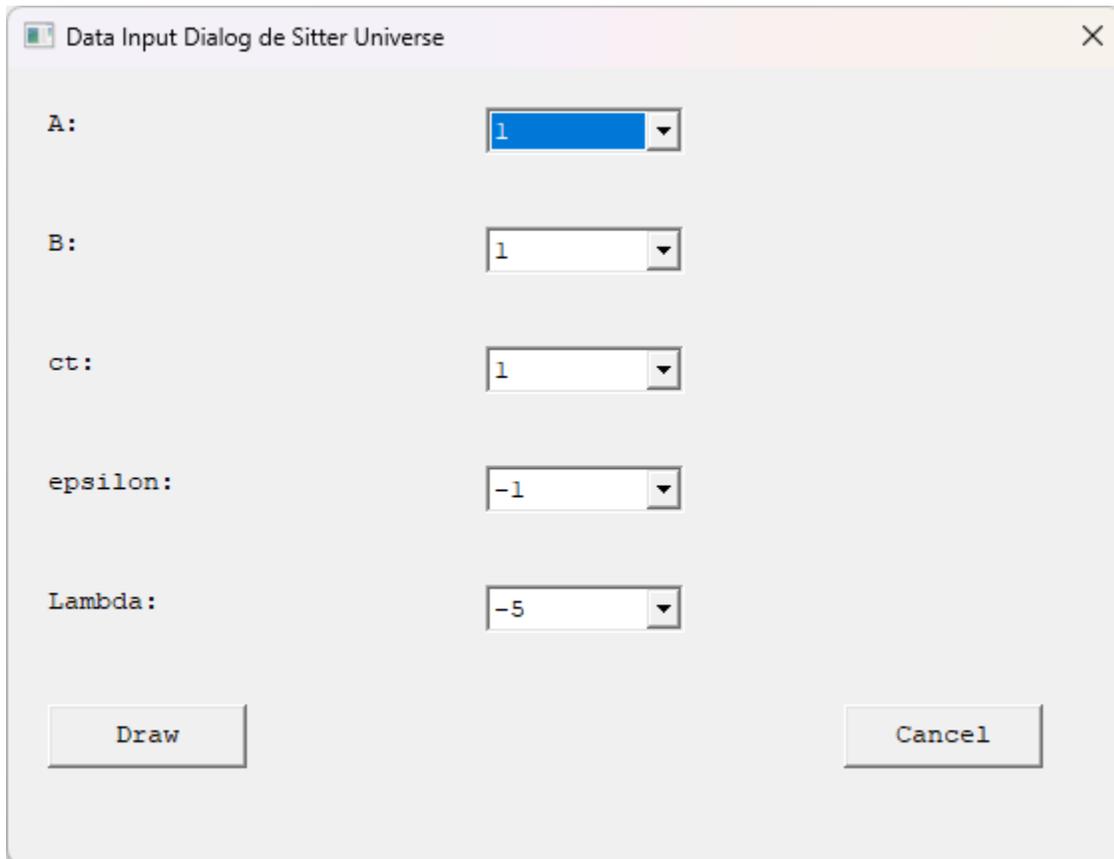


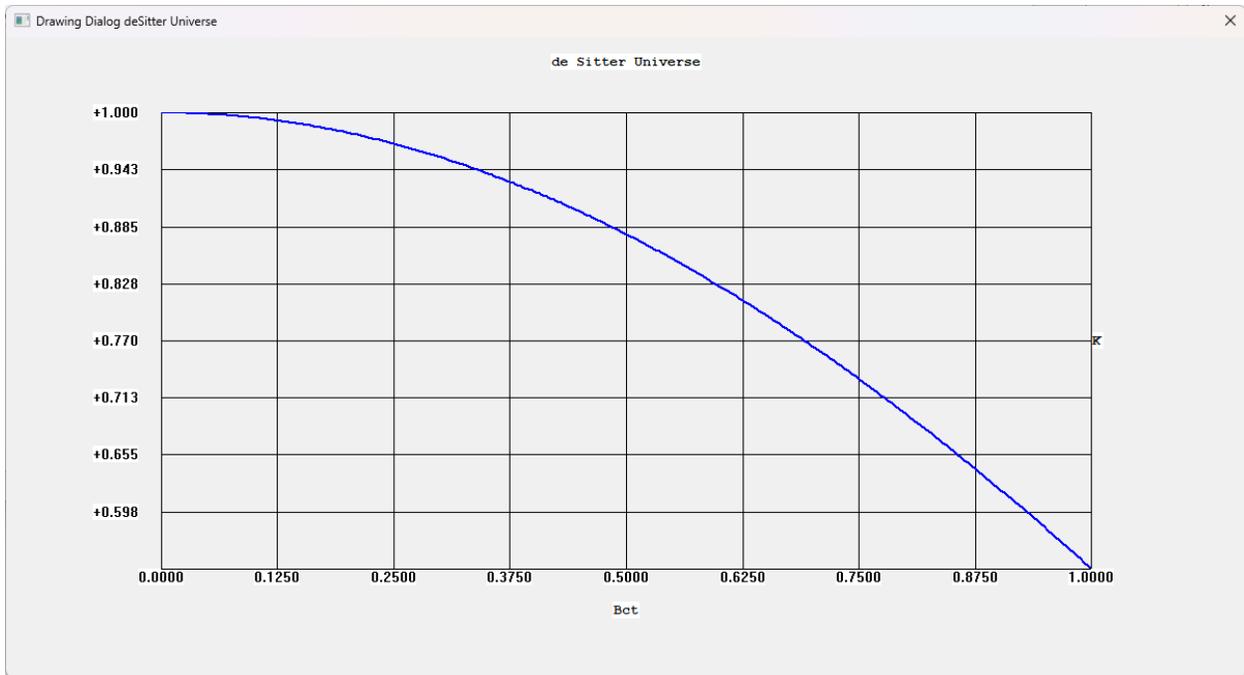
Blog Input © Saturday, March 21, 2026, by James Pate Williams, Jr., Three Model Universes
Reference: "General Relativity: An Introduction to the theory of the gravitational field" ©
1982 by Hans Stephani translated from German by Martin Pollack and John Stewart

The three models are the de Sitter, Radiation, and Friedmann model universes.



A screenshot of a software dialog box titled "Data Input Dialog de Sitter Universe". The dialog contains five input fields, each with a label and a dropdown menu. The labels are "A:", "B:", "ct:", "epsilon:", and "Lambda:". The values in the dropdowns are "1", "1", "1", "-1", and "-5" respectively. At the bottom of the dialog, there are two buttons: "Draw" on the left and "Cancel" on the right. The dialog has a standard window title bar with a close button (X) in the top right corner.

Label	Value
A:	1
B:	1
ct:	1
epsilon:	-1
Lambda:	-5



Data Input Dialog de Sitter Universe

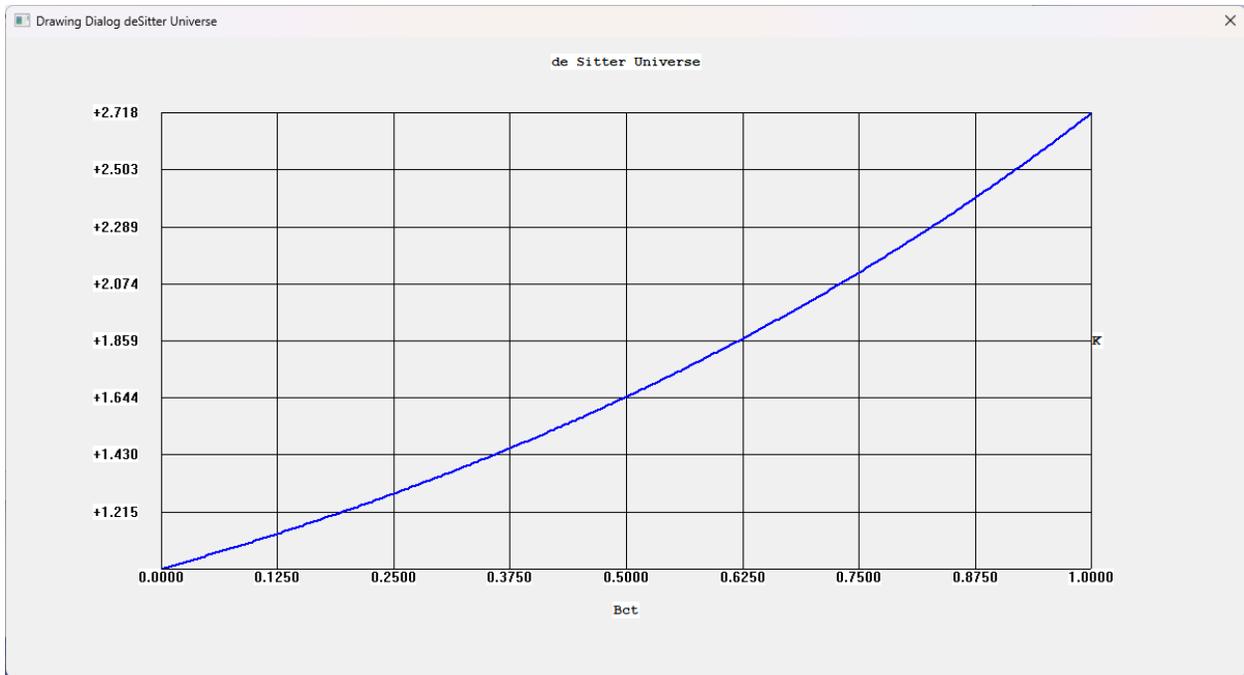
A:

B:

ct:

epsilon:

Lambda:



Data Input Dialog de Sitter Universe

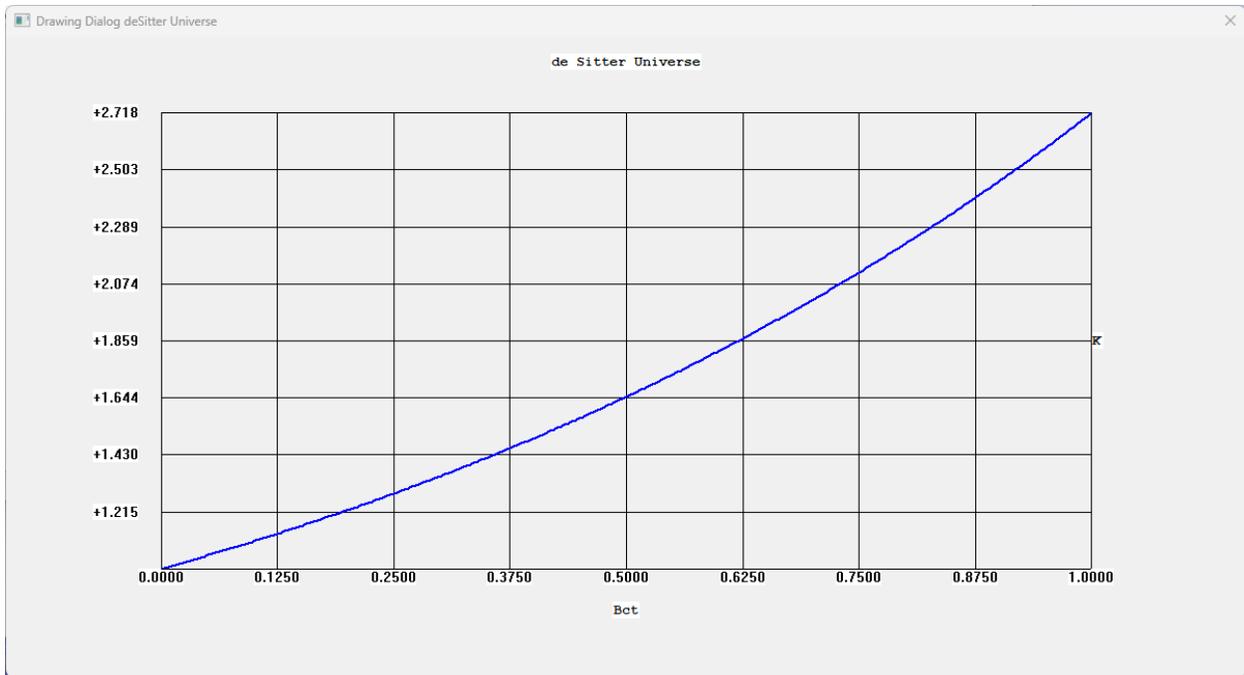
A:

B:

ct:

epsilon:

Lambda:

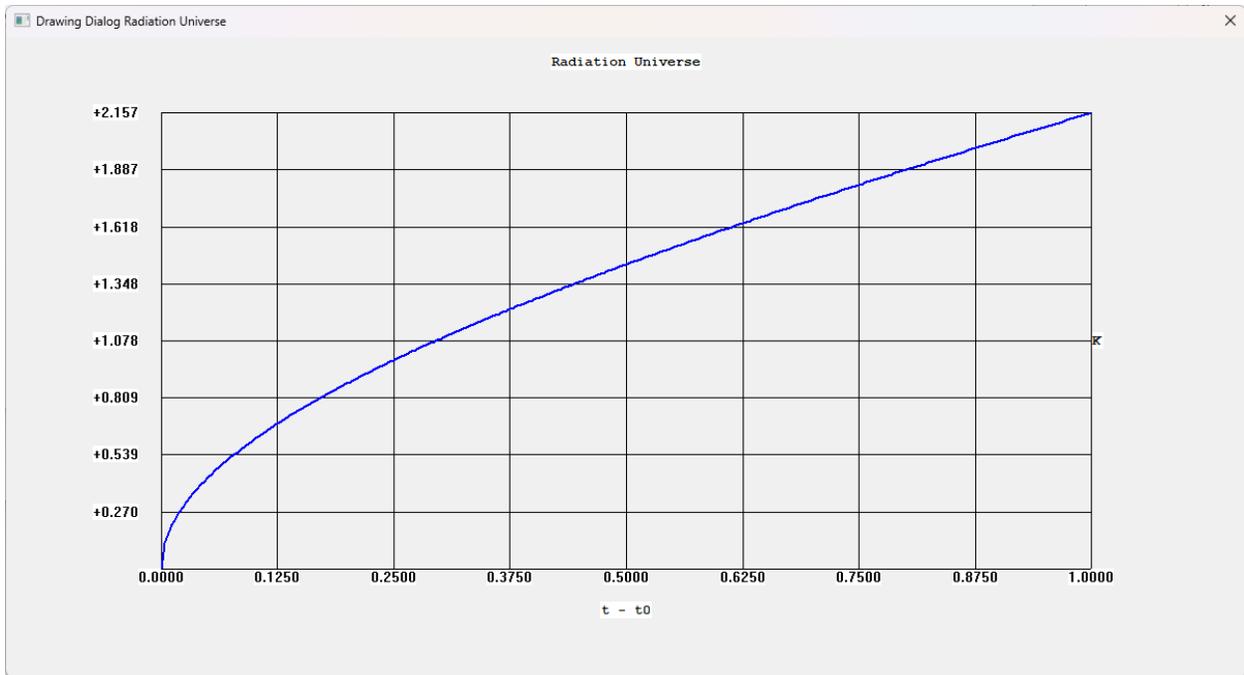


Data Input Dialog Radiation Universe

A:

$\tau - \tau_0$:

epsilon:

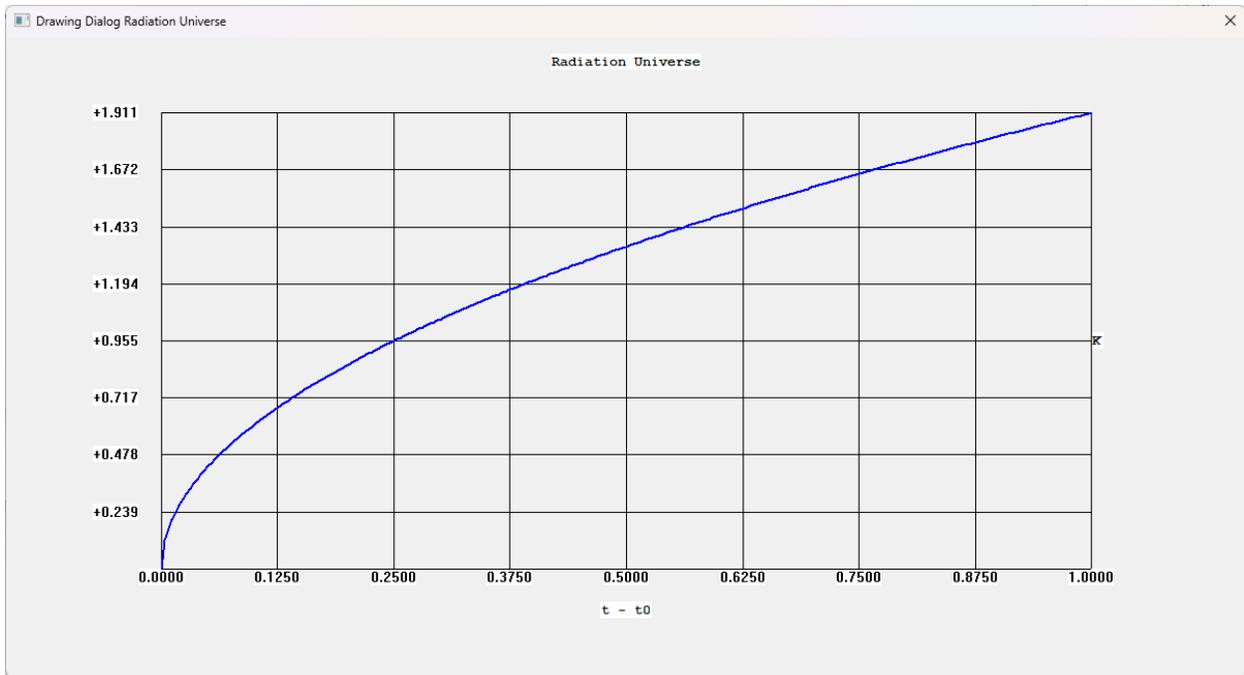


Data Input Dialog Radiation Universe

A:

$\tau - \tau_0$:

epsilon:

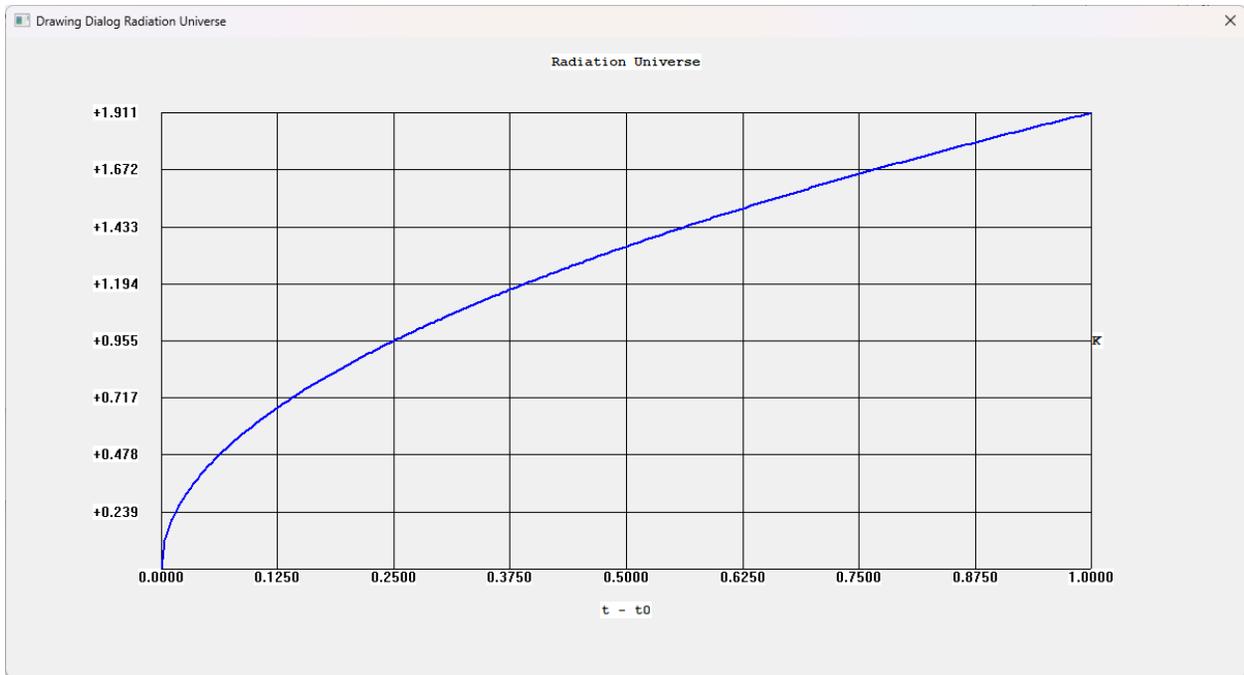


Data Input Dialog Radiation Universe

A:

$t - t_0$:

epsilon:

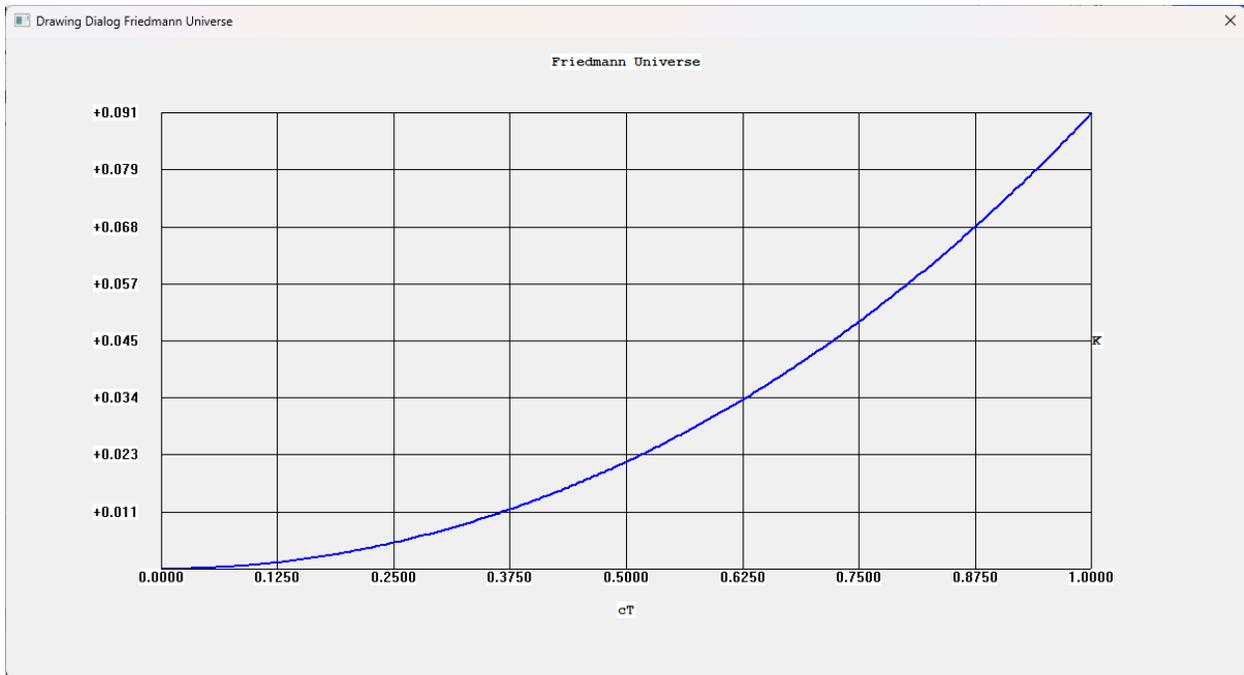


Data Input Dialog Friedmann Universe

M:

cT:

epsilon:

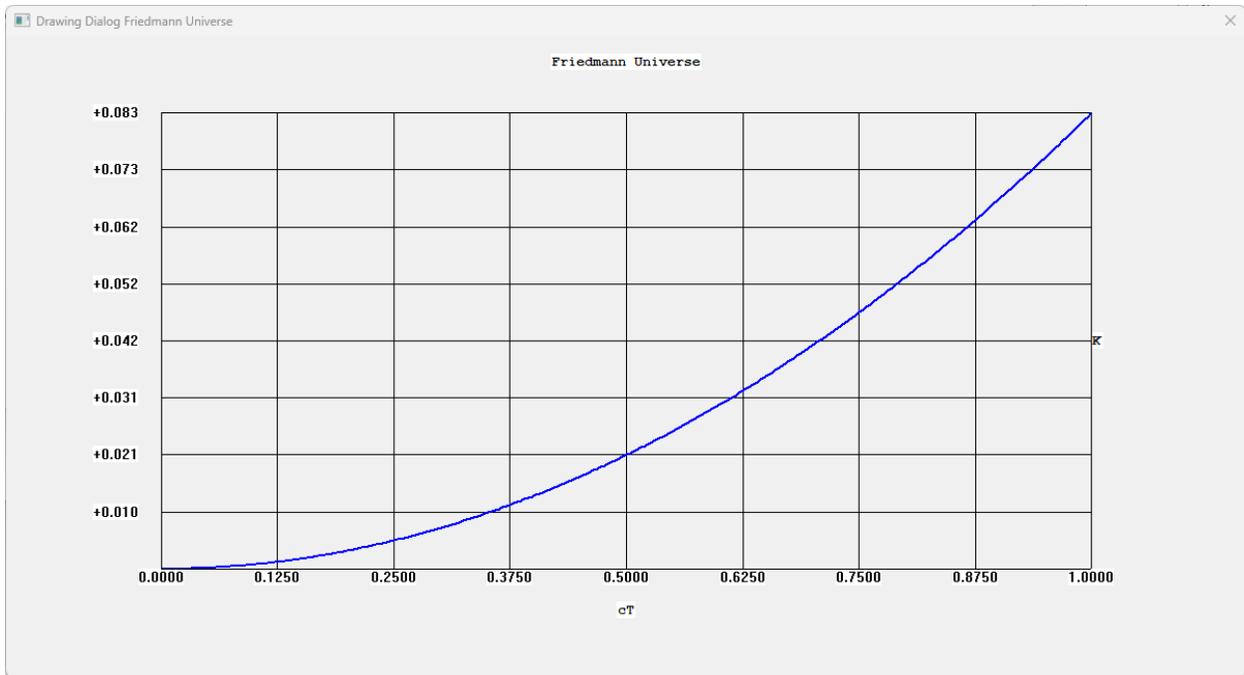


Data Input Dialog Friedmann Universe

M:

cT:

epsilon:



Data Input Dialog Friedmann Universe

M:

cT:

epsilon:

