This directory contains the code for one particular sensitivity analysis of the planets simulation:

Name: SA22 – different interpolation scheme between nodes

Description: the default simulation calculates node positions (in T by dT/dt space) and then interpolates linearly between them in order to calculate the feedback strength (*f*) for any T. Here a different interpolation scheme is used to calculate f between nodes. A spline method is used, which gives a smoother interpolation while still guaranteeing to pass through all of the node points.

The following files were altered in order to implement this sensitivity analysis:

determine\_feedbacks.m

plot\_feedbacks.m

planets\_ODE.m

planets\_jac.m