
Subject: spline interpolation

Posted by [t.osborn](#) on Thu, 12 Oct 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

A colleague of mine hopes to do some "trivariate thin-plate splining" in IDL. Has anyone already written routines to do such interpolation?

As I understand it, he has observations of some variable (T) at irregularly spaced locations (X,Y), but T also varies with elevation (Z). He needs to fit a spline surface through the T values, ultimately to obtain a regularly gridded set of values, but the spline surface must also take into account the dependence of T on Z.

Thanks in advance for any help or routines.

Tim

t.osborn@uea.ac.uk

Climatic Research Unit, University of East Anglia, Norwich, UK
