Subject: spline interpolation
Posted by t.osborn on Thu, 12 Oct 1995 07:00:00 GMT

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.

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