
Subject: Surface fitting image with missing data
Posted by [jradavenport](#) on Thu, 31 Jul 2008 00:12:37 GMT
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Hey all;

I have a 2-D array (essentially an image) with dimensions [n,m]

There is a large chunk in a corner of the image with no data. All pixels have values greater than 1, except within this chunk, which = 0.

SFIT fits these as valid points and tips my surface (a plane) towards this corner! I thought I would be terribly clever by doing the following:

```
result = sfit( finite(image/(image gt 0)),1,/max_degree)
```

alas, SFIT isnt playing ball and makes a whole array of /NaN...

Thoughts? Is there a version of SFIT (or something similar) with a /NaN keyword? A more clever way to fit a simple surface to an image with missing data? Thanks folks

- Jim
