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Subject: Interpolation question

Posted by [rkj](#) on Wed, 25 Jul 2001 18:18:30 GMT

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I have an image containing some bad values. I would like to replace these points with the average value of their neighbors. Is there an easy way to do this without loops?

For instance, a 3x3 array as follows:

```
1 1 1
1 0 1
1 1 1
```

would become

```
1 1 1
1 1 1
1 1 1.
```

I can't get the boundary conditions to work correctly when I use CONVOL. It either zeros the edges or does not process them.

For instance,

```
1 1 1
0 1 1
1 1 0
```

should be

```
1 1 1
1 1 1
1 1 1
```

as well.

Kyle J.

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