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Subject: INTERPOLATE

Posted by [Michael Cugley](#) on Thu, 18 May 2000 07:00:00 GMT

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Maybe it's me, but this seems wrong...

```
IDL> foo = [[1000.0, 1000.0],[-1000.0, -1000.0]]
```

```
IDL> print, foo
```

```
1000.00    1000.00
-1000.00   -1000.00
```

```
IDL> x = [0.0, 0.5, 1.0]
```

```
IDL> bar = interpolate(foo, x, x,/grid)
```

```
IDL> print, bar
```

```
1000.00    1000.00    1000.00
0.00000    0.00000    0.00000
-1000.00   -1000.00   -1000.00
```

```
IDL> y = findgen(4) / 3
```

```
IDL> print, y
```

```
0.00000    0.333333    0.666667    1.00000
```

```
IDL> bleeble = interpolate(bar, y, y, /grid)
```

```
IDL> print, foo
```

```
1000.00    1000.00
-1000.00   -1000.00
```

```
IDL> print, bar
```

```
1000.00    1000.00    1000.00
0.00000    0.00000    0.00000
-1000.00   -1000.00   -1000.00
```

```
IDL> print, bleeble
```

```
1000.00    1000.00    1000.00    1000.00
666.667    666.667    666.667    666.667
333.333    333.333    333.333    333.333
0.00000    0.00000    0.00000    0.00000
```

??? Where's my -1000 values gone?

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