
Subject: Bug in IDL CONVOL procedure
Posted by [Ulrik Kjems](#) on Fri, 14 Jul 1995 07:00:00 GMT
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There seems to be a (several) bugs in the CONVOL library routine.

```
IDL> a=[0,1,1,1,0]
IDL> b=[1,1,1]
IDL> print,convol(a,b)
      0      2      3      2      0
```

I believe, that the result should be

```
      1      2      3      2      1
```

according to the reference manual p. 1-55.

Further, when convolving in 3D:

```
IDL> a=replicate(1.0,5,5,5)
IDL> b=replicate(1.0,3,3,3)
IDL> c=convol(a,b,/edge_wrap)
IDL> print,c
```
