

Subject: CONVOL : no subscripting with POLYFILLV?

Posted by [Tom Wassenaar](#) on Fri, 22 Jan 1999 08:00:00 GMT

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I'd like to use polygon vertices directly to determine the image subset

to convolve, but is it right that CONVOL only operates on simple square subscripts ?

a simple example :

```
ENVI> a = findgen(10, 20)
```

```
ENVI> kernel = fltarr(3, 3) + 1
```

```
ENVI> b = convol(a[2:8, 4:15], kernel, total(kernel))
```

: this works fine !

```
ENVI> x = POLYFILLV([2,2,8,8], [4,15,15,4], 10, 20)
```

```
ENV1> b = convol(a[x], kernel, total(kernel))
```

```
% CONVOL: Kernel's dimensions are incompatible with operand's.
```

WHY ?

—

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