
Subject: arrays and polyfit

Posted by [Mario Noyon](#) on Fri, 02 Aug 1996 07:00:00 GMT

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I would like to use polyfit with an array like arr1(n,n,9) and arr2(9) instead of using it with arr1(9) and arr2(9).

Well now I must employ a FOR statement what slows my application. My actual code is :

```
;arr1 = FLTARR(256, 256, 9)
```

```
;arr2 = FLTARR(9)
```

```
FOR i=0,n-1 DO BEGIN
```

```
  FOR j=0,n-1 DO BEGIN
```

```
    result = POLYFIT(arr1(i,j,*),arr2(*),yfit,1)
```

```
    table(i, j) = result(1) ;! only want the slope
```

```
  END
```

```
END
```

Is there a way to avoid this ??

Thanks

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NOYON Mario
