

---

Subject: Re: Check if coordinate is in array

Posted by [Thomas Gutzler](#) on Thu, 20 Feb 2003 03:53:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Thomas Gutzler wrote:

```
>
> FUNCTION is_element_of_2D, x, arr
>   xidx = WHERE(arr[0,*] EQ x[0], c1)
>   yidx = WHERE(arr[1,*] EQ x[1], c2)
>   IF (c1 + c2 GT 0) THEN tmp = WHERE(MATRIX_MULTIPLY(xidx, $
```

replace this by: IF (c1 NE 0 AND c2 NE 0) THEN ...

```
>     1./TRANSPOSE(yidx)) EQ 1, c3) ELSE c3 = 0
>   RETURN, c3 NE 0
> END
```

Tom

---