
Subject: Re: nearest number

Posted by [James Kuyper](#) on Mon, 07 Aug 2006 16:24:26 GMT

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kuyper@wizard.net wrote:

> bressert@gmail.com wrote:

>> I thought about the problem more and realized a simple solution:

>>

>> smallest = min(abs(array - floating_value))

>> index = where((array - floating_value) eq smallest, count)

>

> Almost: that should be "abs(array-floating_value) eq smallest".

>

> I'd be inclined to pull out the common code, and write it as

>

> diff = abs(array-floating_value)

> index = where(array eq min(array))

Agh! That should, of course, have been

```
index = where(diff eq min(diff))
```
