

---

Subject: Re: nearest number

Posted by [James Kuyper](#) on Sun, 06 Aug 2006 19:34:12 GMT

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

---

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))
```

---