
Subject: Re: Locating desired values in an array.
Posted by [Moritz Fischer](#) on Thu, 24 Jul 2014 06:26:49 GMT
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Unless you know more about the nature of those track numbers I'd loop over them. You can get the track numbers using UNIQ() and then do something like this:

```
tn = uniq( yourarray[1,*] )
value = fltarr( n_elements( tn ) )

for i=0,n_elements(tn)-1 do begin

    subset = WHERE( yourarray[1,*] EQ tn[i] )

    void = min(abs( yourarray[0,subset] + 42. ), min_index )

    value[i] = yourarr[0, subset[min_index] ]

end
```

Am 24.07.2014 03:50, schrieb gpeterso@ucsc.edu:

```
> So i have an array that is [2,58]. I need the number that is closet
> to -42 for each time the track number increases by one. So for
> example for track number 28742 I should get the third bin number of
> -42.6996. I am very confused on how to do approach this.
>
>
>
```