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Subject: image subtraction

Posted by [aburden](#) on Wed, 13 Mar 2002 21:39:29 GMT

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Hi,

Can anyone come up with an efficient way to subtract a single image from an array of images without using a loop, as in

```
imgArr = imgArr - img1
```

where,

```
imgArr = lonarr(12,512,512)
```

and,

```
img1 = lonarr(512,512)
```

as opposed to

```
For ii=0,11 do imgArr[ii,*,*] = imgArr[ii,*,*] - img1
```

Thanks for any suggestions.

Art

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