
Subject: Re: Center of mass???
Posted by [davidf](#) on Mon, 08 Nov 1999 08:00:00 GMT
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Paul Hick (pphick@ucsd.edu) writes:

```
> Reasoning by analogy to the 2D case, this should work, I think:  
>  
> xcm = Total( Total(Total(array,3),2) * Indgen(s[0])) / totalMass  
> ycm = Total( Total(Total(array,3),1) * Indgen(s[1])) / totalMass  
> zcm = Total( Total(Total(array,2),1) * Indgen(s[2])) / totalMass
```

Well, it seems to work in the simple-minded cases I
tried it on. :-)

I'll write it up in an article if no one else has
serious objections.

Cheers,

David

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