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Subject: Restructuring array problem

Posted by [Harry Reisig](#) on Thu, 16 Jul 1998 07:00:00 GMT

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Maybe someone out there in net land can help me with this problem. I have these 2-D arrays that display a function (like density or pressure) as a function of timestep and a distance equivalent zone. I need to replace the zones with a function that I have called rcm, which is a center of mass distance equation. rcm is a 2-d array, a function of time and zone. I can do nice plots of the function vs. zone for a single time, and can even do nice surface plots of the function vs. rcm for multiple times. My problem is that I need to do a tvscl plot of the function as a function of time and rcm. I basically need to replace one of the dimensions of the function so it is a function of time and rcm, not time and zone. Any ideas for how to go about this?

Thanks,  
Harry Reisig  
(probably fastest to e-mail me at [hreisig@engin.umich.edu](mailto:hreisig@engin.umich.edu))

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