
Subject: Re: CSMI of a region

Posted by [Karsten Rodenacker](#) on Thu, 28 Oct 2004 08:00:48 GMT

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On 27 Oct 2004 18:32:27 -0700, Pravesh <praveshsubramanian@yahoo.com> wrote:

- > Hello Friends:
- > Do we have code written in IDL for Cross sectional Moment of Inertia
- > of a given region??

Cross sectional moments ? Here is a short calculation of 2-d moments of order ij

```
;+
; NAME:
; i_moment
;
function i_moment,im,i,j
  dim=double(im)
  sdim=size(dim)
  x=dindgen(sdim(1))
  y=dindgen(sdim(2))
  return,total(dim*(x^i#y^j))
end
```

```
;-
```

Maybe that ...

- > Can someone give any tips on that...
- >
- > thanks
- > pravesh

Regards

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Karsten Rodenacker

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