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# Parallel axis theorem

By: Noe Lepez Da Silva Duarte Created: 23 March 2022

```
function I_n = parralel_axis(I,x,y,z,M)

par = [y^2+z^2, -x*y, -x*z;
       -x*y, x^2+z^2, -z*y;
       -z*x, -y*z, x^2+y^2]*M;

I_n = I + par;

end
```

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