

---

# AE 4532 Moment of inertia tensor finder

By: Noe Lepez Da Silva Duarte Created: 10 March 2022

```
function I = mom_tensor(r)

x = r(1);
y = r(2);
z = r(3);

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

end
```

*Published with MATLAB® R2021b*