Compute inertia matrix for point mass

Compute the inertia matrix of a point mass from its mass m and position $[x, y, z]$ according to

$$I_{pm} = m \begin{pmatrix} y^2 + z^2 & -xy & -xz \\ -xy & x^2 + z^2 & -yz \\ -xz & -yz & x^2 + y^2 \end{pmatrix}$$

```
function I = point_mass_inertia_matrix(position, mass)
    x = position(1);
    y = position(2);
    z = position(3);
    I = mass * [
        y^2 + z^2,      -x*y,      -x*z;
             -x*y, x^2 + z^2,      -y*z;
             -x*z,      -y*z, x^2 + y^2;
    ];
end
```