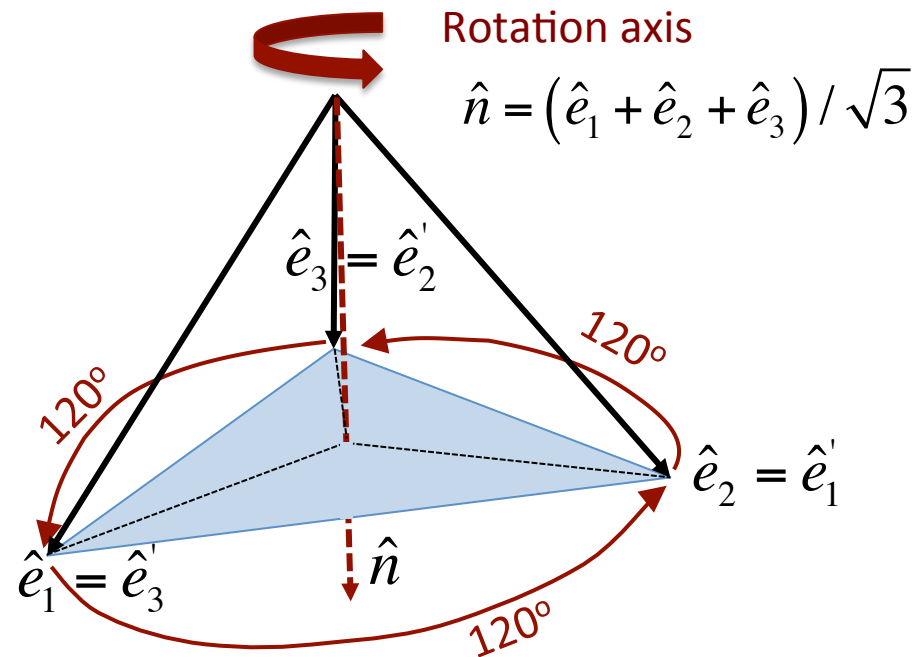


## Problem Set #3

### Question #1

You can think of the  $Ox_1x_2x_3$  coordinate-axis vectors as a tripod sitting on a table. Then the rotation axis  $\hat{n}$  is a unit vector pointing straight down.



The rotation appears to be drawn counter-clockwise about  $\hat{n}$  because  $\hat{n}$  is pointing down. If you looked up from below the table, the rotation would indeed be clockwise.