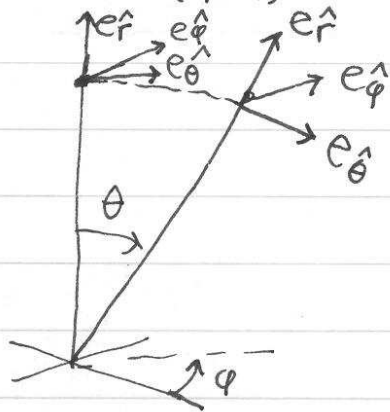


rotation by angle  $\varphi$   
about  $e_z$  in plane  
of  $e_x, e_y$  to align  
 $e_x$  with direction of  $\theta$  coordinate  
line in  $\varphi$  direction

$$(e_{\hat{r}} \ e_{\hat{\theta}} \ e_{\hat{\varphi}}) | (r, \theta, \varphi)$$



rotation by  
angle  $+\theta$  about  
 $e_{\hat{\varphi}}$  in plane of  
 $e_{\hat{\theta}}$  and  $e_{\hat{r}}$