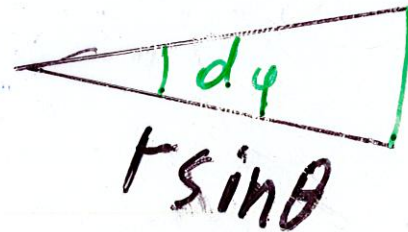
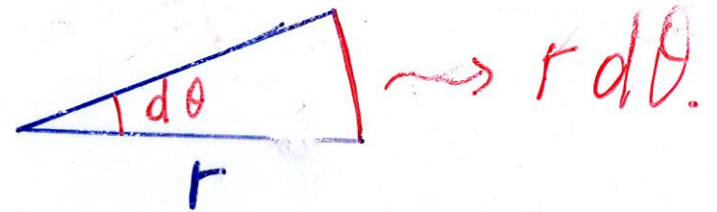


Volumenelement
 $dV = dr \cdot r d\theta \cdot r \sin\theta d\varphi$
 \Rightarrow $dV = r^2 \sin\theta dr d\varphi d\theta$



$\leadsto r \sin\theta d\varphi$