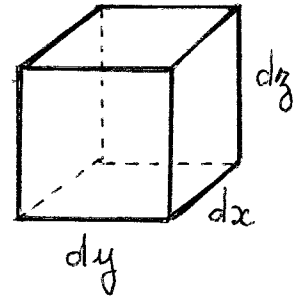
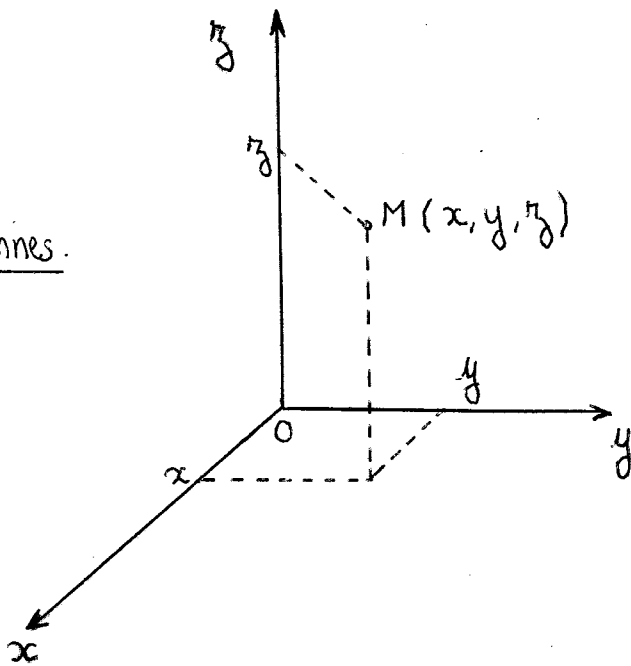


Coordonnées  
cartésiennes.

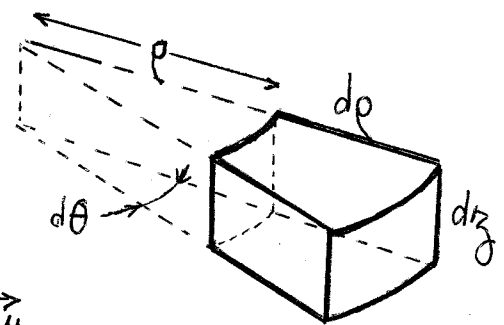
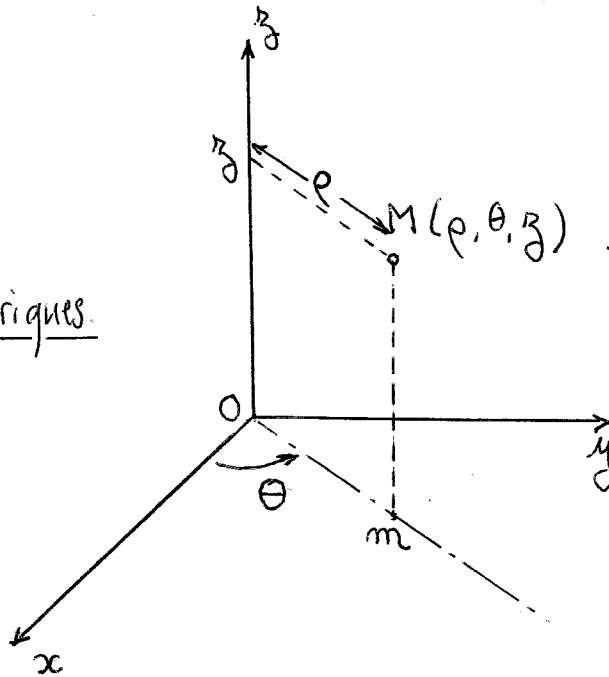


Élément de volume

$$\underline{dV = dx \cdot dy \cdot dz}$$

Coordonnées

Cylindriques.

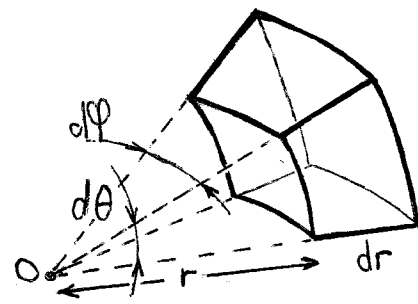
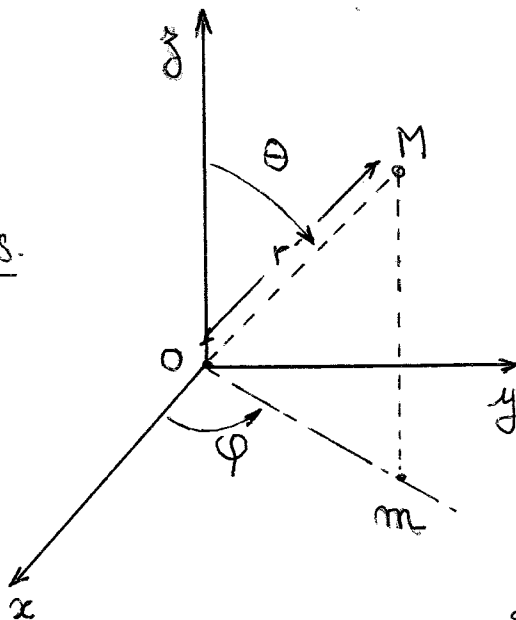


Élément de volume

$$\underline{dV = \rho \, d\theta \cdot d\rho \cdot dz}$$

Coordonnées

Sphériques.



Élément de volume:

$$dV = r \, d\theta \cdot r \sin \theta \, d\phi \cdot dr$$

soit

$$\underline{dV = r^2 \sin \theta \, dr \, d\theta \, d\phi}$$