from trigonometry import sin, cos

$$x(\theta, \phi) = \begin{bmatrix} R\cos(\theta)\cos(\phi) \\ R\sin(\theta)\cos(\phi) \\ R\sin(\phi) \end{bmatrix}$$

where

 $\phi\in\mathbb{R}$  angle between 0 and  $2\pi$   $\theta\in\mathbb{R} \text{ angle between -}\pi/2 \text{ and }\pi/2$   $R\in\mathbb{R}$  the radius of the sphere