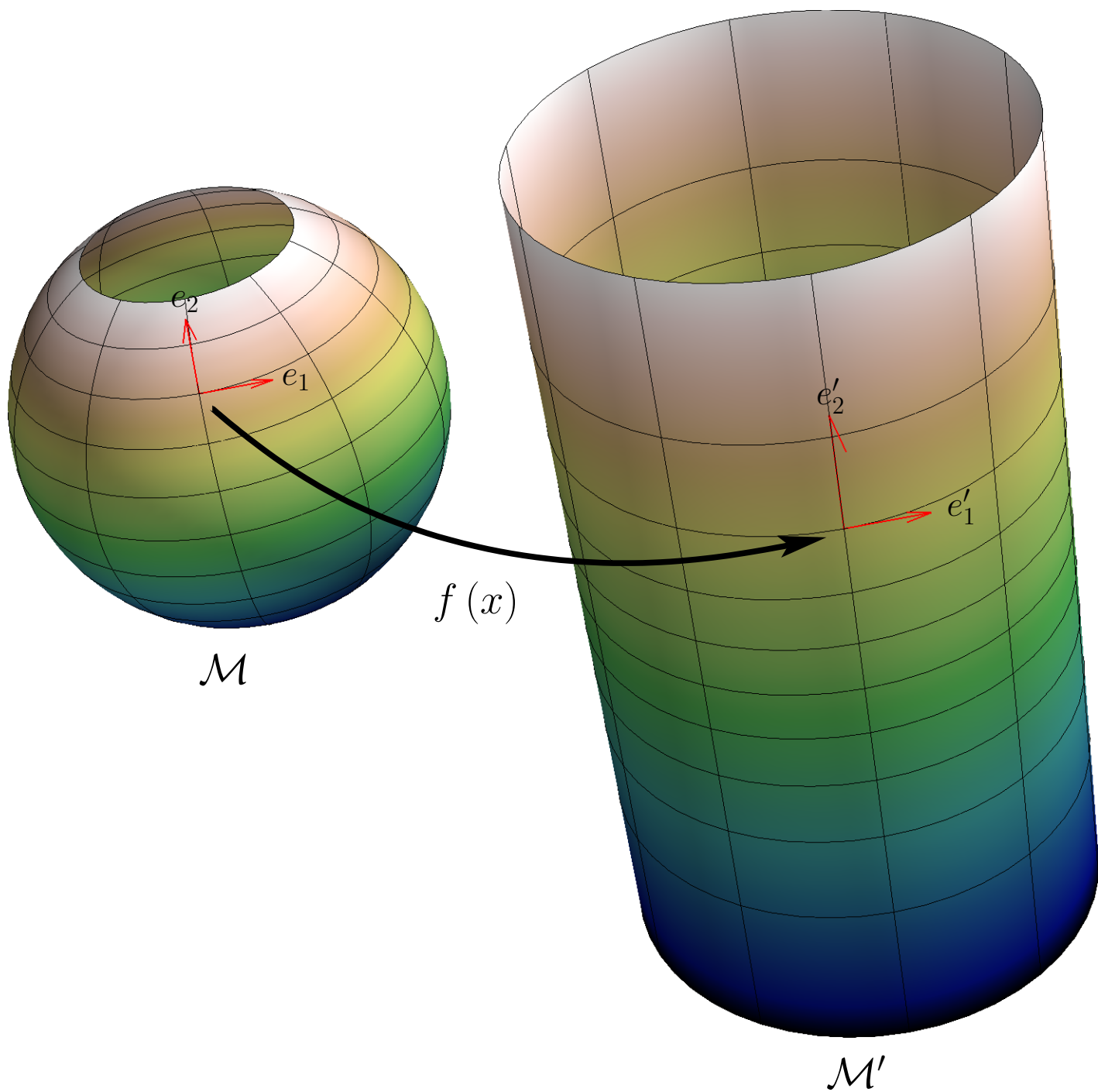


$$\mathcal{M} : \left\{ x = \cos(s^2) (\cos(s^1) u_1 + \sin(s^1) u_2) + \sin(s^2) u_3 : |s^2| \leq s_{max}^2 < \frac{\pi}{2} \right\}$$



$$\mathcal{M}' : \left\{ f(x) = \cos(s^1) u'_1 + \sin(s^1) u'_2 + \tan(s^2) u'_3 : |s^2| \leq s_{max}^2 < \frac{\pi}{2} \right\}$$

$$e'_1(x) = f(e_1) = -\sin(s^1) u'_1 + \cos(s^1) u'_2$$

$$e'_2(x) = f(e_2) = \frac{u'_3}{\cos^2(s^2)}$$