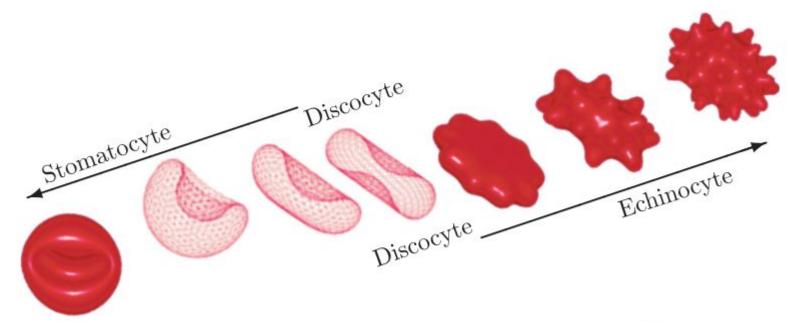


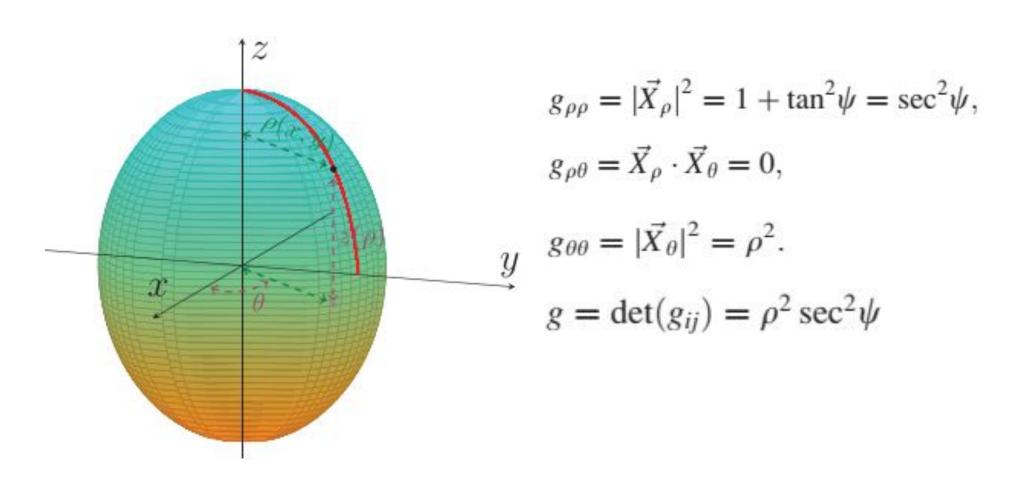
RED BLOOD CELLS



$$e = \frac{1}{2}\kappa(2H - c_0)^2 + \bar{\kappa}K + \gamma,$$

$$2H \equiv c_1 + c_2, \quad K \equiv c_1 c_2.$$

SHAPE PARAMETERIZATION



ENERGY AND ITS MINIMIZATION

$$\begin{split} S(z) &\equiv \frac{1}{4\pi R_0^2} \int_z^{z_{mp}} 2\pi \rho \sqrt{1 + \left(\frac{d\rho}{dZ}\right)^2} \, dZ. \qquad \delta \left\{ \frac{\kappa}{2} \int \left(c_1 + c_2 - c_0\right)^2 dA + \Delta p \cdot V + \lambda \cdot A \right\} = 0, \\ & 2 \frac{\lambda}{\kappa} R_0^2 = 2c_1^*(0.5) \left[c_0^* - \Delta c^*(0.5)\right] + \Delta c^{*2}(0.5) - c_0^{*2} \\ & - \frac{\Delta p}{\kappa} R_0^3 \frac{1}{c_1^*(0.5)}, \\ & f^*(0) = 0; \quad \Delta c^*(0) = 0; \quad f^*(0.5) \left[c_1^*(0.5)\right]^2 = 1. \end{split}$$

