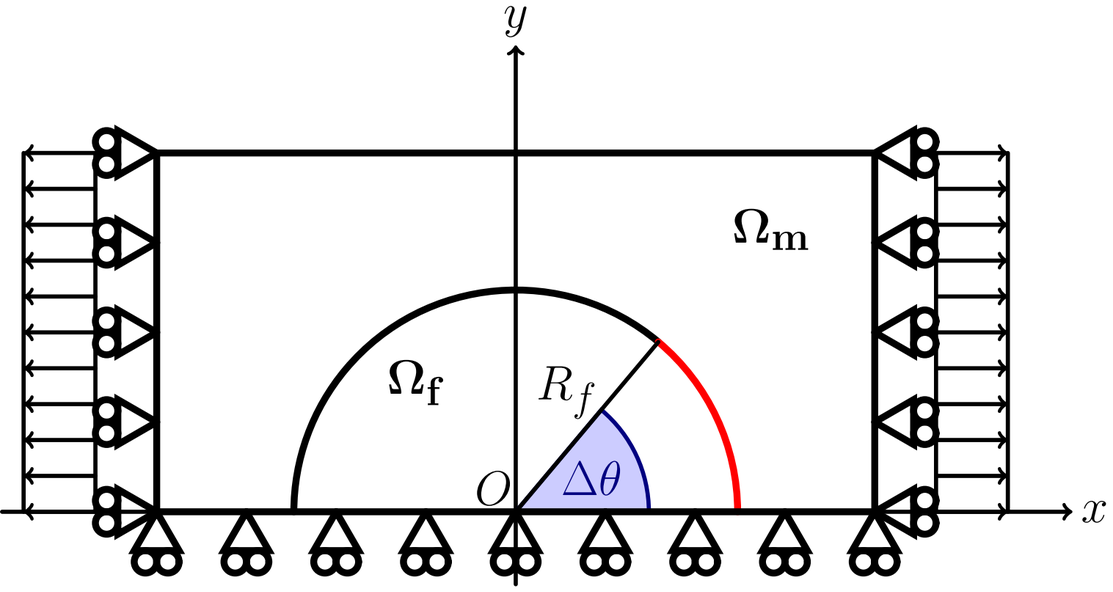


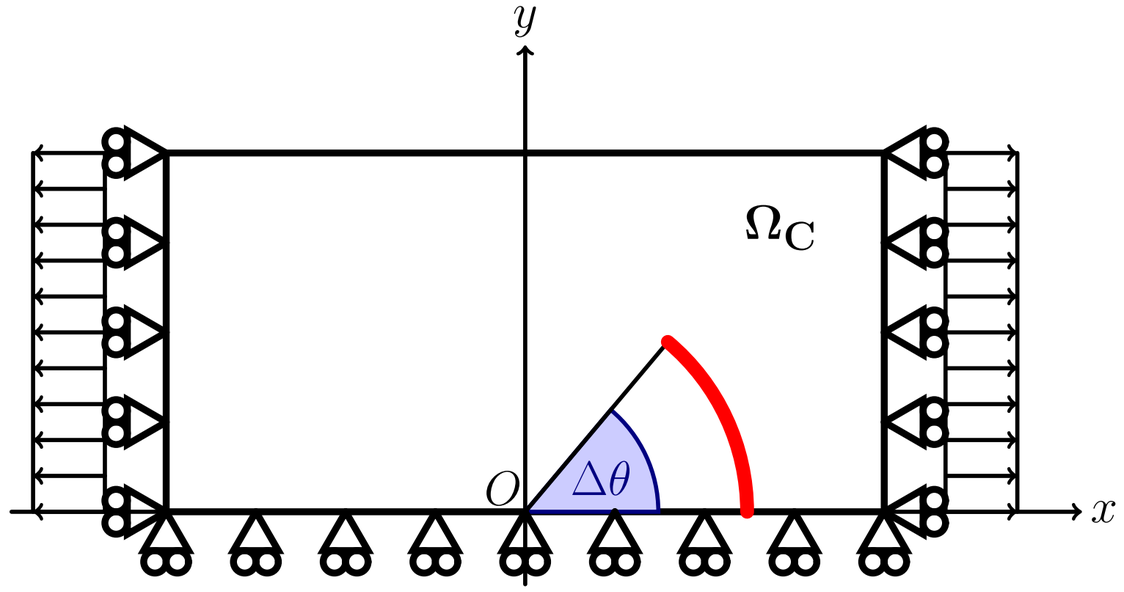


$$\mathbf{f_I} = \frac{\sin \boldsymbol{\Delta\theta}}{\boldsymbol{\Delta\theta}} \left( \frac{\mathbf{1} - \sin^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right) \cos^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right)}{\mathbf{1} + \sin^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right)} \cos \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right) + \cos \left( \frac{\mathbf{3}}{\mathbf{2}} \boldsymbol{\Delta\theta} \right) \right)^{\mathbf{2}}$$

$$\mathbf{f_{II}} = -\frac{\sin \boldsymbol{\Delta\theta}}{\boldsymbol{\Delta\theta}} \left( \frac{\mathbf{1} - \sin^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right) \cos^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right)}{\mathbf{1} + \sin^{\mathbf{2}} \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right)} \sin \left( \frac{\boldsymbol{\Delta\theta}}{\mathbf{2}} \right) + \sin \left( \frac{\mathbf{3}}{\mathbf{2}} \boldsymbol{\Delta\theta} \right) \right)^{\mathbf{2}}$$