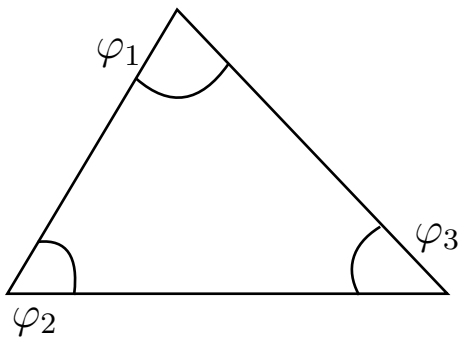


Geodätische

# Der Satz von Gauss-Bonnet

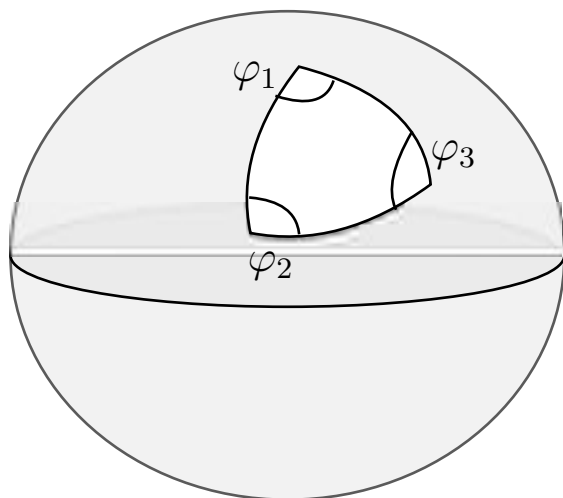
$$\varphi_1 + \varphi_2 + \varphi_3 = \pi + \iint_T K d\sigma$$

$K$  - Krümmung



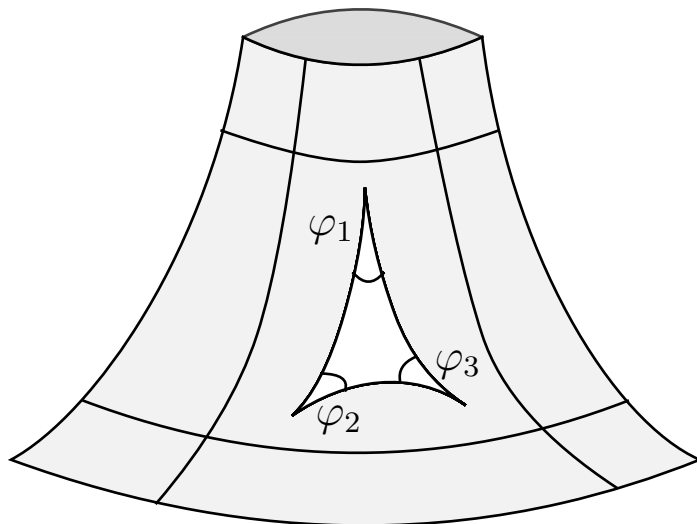
$$\mathbf{K} = \mathbf{0}$$

$$\varphi_1 + \varphi_2 + \varphi_3 = \pi$$



$$\mathbf{K} > \mathbf{0}$$

$$\varphi_1 + \varphi_2 + \varphi_3 > \pi$$



$$\mathbf{K} < \mathbf{0}$$

$$\varphi_1 + \varphi_2 + \varphi_3 < \pi$$