

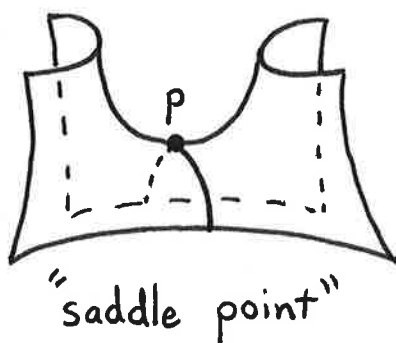
§7

curvature for surfaces:

positive:



negative:



zero:



Equation of a sphere
in $\mathbb{R}^3$ with radius r
centered at $(a, b, c) \in \mathbb{R}^3$

$$(x-a)^2 + (y-b)^2 + (z-c)^2 = r^2$$

