Dirichlet distribution
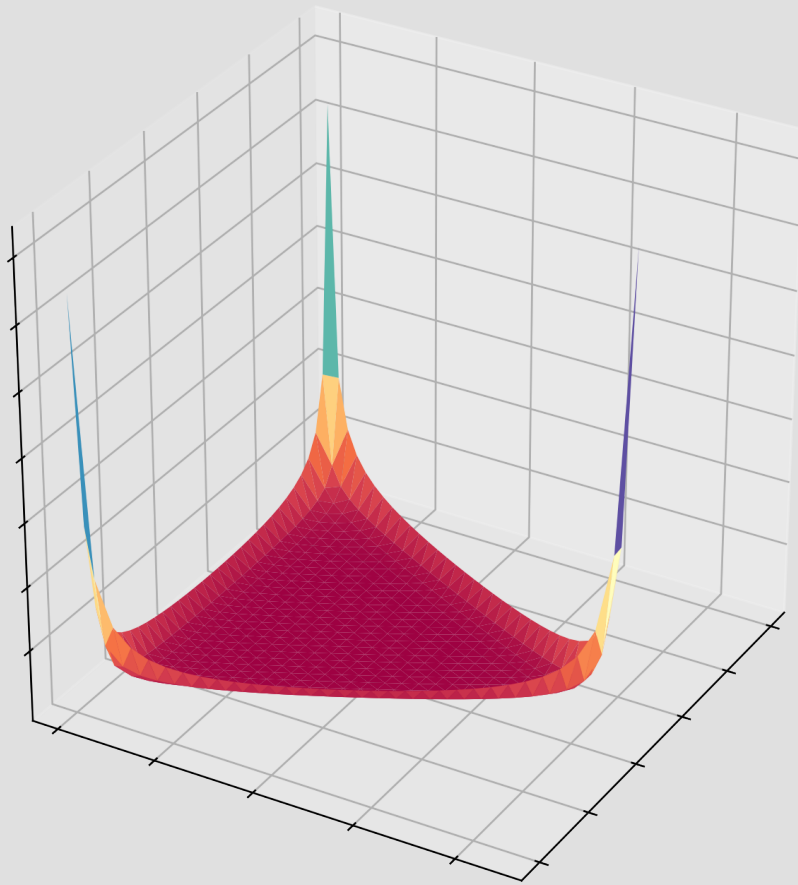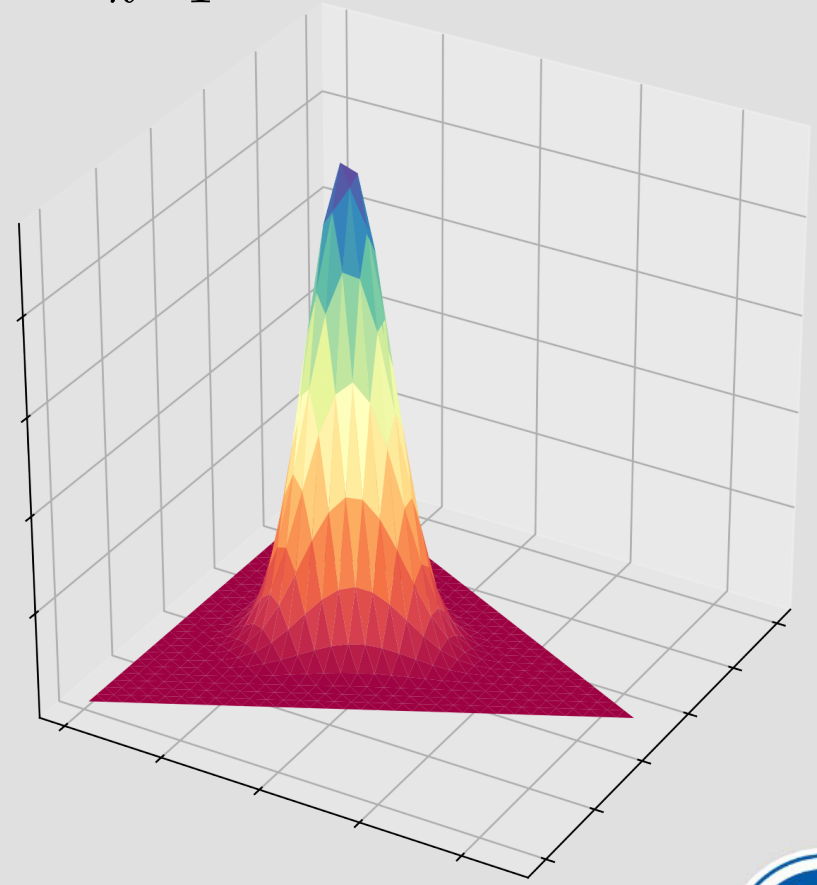
$$\text{Dir}(\theta|\alpha) = \frac{1}{B(\alpha)} \prod_{k=1}^{K} \theta_k^{\alpha_k - 1}$$

$\alpha = (0.1, 0.1, 0.1)$

$\alpha = (10, 10, 10)$