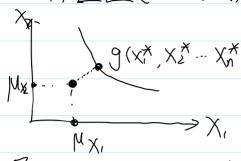
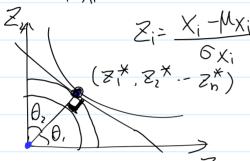
正态空间下的样本点推导

Friday, March 1, 2024

在标准正态空间内,设计点满足在直线上:





Zi= Xi-MXi 由于标准正态空间中 OXi Zi 构为标准正态分布,因此, 最有可能失效点即为与原点 距离最近的点,

町井头效应线(カ; ≥; - β=0) 前=(カ, カ, ···· λn) 我们可以从重线作为设计点,而三维状态则是点到 干面垂线距,因而使用:司法纬烟间,

$$\frac{X-0}{\lambda_1} = \frac{y-0}{\lambda_2} = \frac{z-0}{\lambda_3}$$

$$\exists z' = \frac{\beta \cdot \lambda_1}{\sqrt{\lambda_1^2 + \lambda_3^2 + \lambda_3^2}} \implies \exists f \lambda_1 = \cos \theta_1 = \frac{\alpha_1 \cdot \delta_{x_1}}{\sqrt{\frac{5}{2^{i+1}}} \alpha_1^2 \cdot \delta_{x_1}^2} = \cos \theta.$$

显然:盖流一,即有: 对= β.λ;