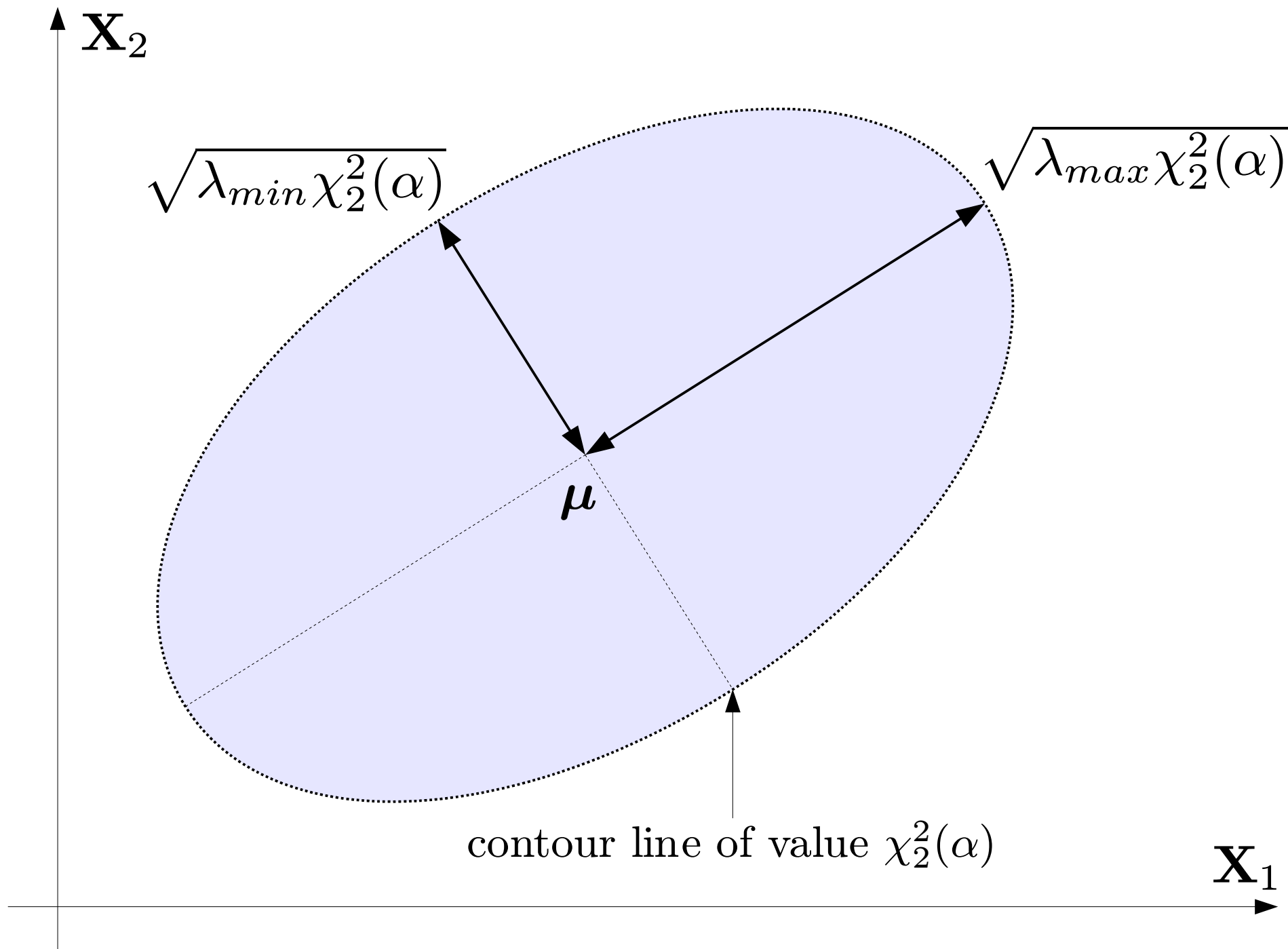


probability for \mathbf{X} to be inside the shaded region is $1 - \alpha$



probability for \mathbf{X} to be inside the shaded region is $1 - \alpha$

