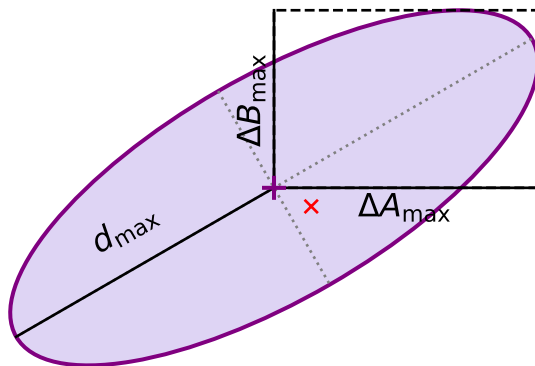Metrics for Elliptical Region