

Tutorial 6

Week of February 25, 2019

Question 7.4.44, Page 306

The amount of lateral expansion (mils) was determined for a sample of $n = 9$ pulse-power gas metal arc welds used in LNG ship containment tanks. The resulting sample standard deviation was $s = 2.81$ mils. Assuming normality, derive a 95% CI for σ^2 and σ .