

AER E 322 Lab 6 Group Work

1. 0/90
 1. We chose 0/90 as a baseline
 2. $1.37\text{e-}17$
2. 0/30/60/90
 1. We thought including intermediate layers would reduce the resistance to torsion
 2. -0.0761
3. 0/45/90
 1. We wanted to know if reducing the number of intermediate layers increased the resistance to torsion
 2. -0.0864
4. +/-45
 1. It was clear that 0/45/90 was more effective than 0/90, so we thought that removing the 0/90 layer might result in higher resistance
 2. -28.3
5. +/-27
 1. We reduced the angle until we found the maximum value of κ_{xy} at 27 degrees
 2. -46.6