

SIO 239 2008 Homework #1 (Second Half)

[1] Problem 8.6 from your text.

[2] Find all 2×2 real matrices \mathbf{A} that satisfy $\mathbf{A}^2 = \mathbf{I}$. Next find those that satisfy $\mathbf{A}^3 = \mathbf{I}$.