Homework Assignments: HW # 1
Math 850: Numerical Linear Algebra

1. Let $A$ be an orthogonal matrix. Show that $\det(A) = \pm 1$. Show that if $B$ also is orthogonal and $\det(A) = -\det(B)$, then $A + B$ is singular.

2. Textbook, Lecture 2: 2.1, 2.2, 2.3, 2.5, 2.6.


Due date: Monday, Sept 12. In class