Quiz 4

Your TA will choose 1 or 2 questions from the following questions for Q4:

- Every question of Tutorial 5 and 7
- Sec4.1:#3(g), #13
- Sec4.2:#1(g), #2
- Sec4.3:#4
- Extra Question:

  Show that if $\{\mathbf{x}_1, \cdots, \mathbf{x}_k\}$ is a set of non-zero orthogonal vectors in $\mathbf{R}^n$, then $\{\mathbf{x}_1, \cdots, \mathbf{x}_k\}$ is linearly independent.