Homework February 20, 706, Spring 2014, due: February 28

1) Problem 27 of chapter 1 of Sakurai and Napolitano.

2) Problem 30 of chapter 1 of Sakurai and Napolitano. Hint for part (a): act with the commutator $[x_i, T(\hat{\Omega})]$ on $|\vec{x}\rangle$.

3) Problem 1 of chapter 2 of Sakurai and Napolitano.