Homework #5
due Monday, March 19th, 2012

Problems:

1. Nishimura 7.1

2. Nishimura 7.4

3. Nishimura 7.5

4. Nishimura 7.6 (a) (b)

5. **Extra Credit:** Run `SpinBench`, and load the example file called `Spin Echo`.

   (a) Upgrade it to a double-spin echo sequence (90 - 180 - echo #1 - 180 - echo #2). Control the sequence using two `Time Intervals`. *Hint: one can represent the period from the excitation to the first echo, and one can represent the period from the first echo to the second echo.*

   (b) Describe any interesting behavior that occurs when T2 < TE? and when T1 < TE? Submit screen-capture images for both cases.