

# PHZ4390 - Assignment 9

## Due Tuesday, November 18, 2008

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1. Problem 4.1 from Das/Ferbel
2. Problem 4.3 from Das/Ferbel
3. Problem 4.4 from Das/Ferbel
4. Calculate the Q-values for  $\beta$  - decays (g.s.  $\rightarrow$  g.s.) of  $^{10}\text{Be}$ ,  $^{12}\text{N}$ ,  $^{18}\text{Ne}$ ,  $^{64}\text{Fe}$ .