

**Problem Set V: Due Monday, November 18, 2013**

Discussion on Tuesday, November 12

FW=Fetter and Walecka

- 1.) FW 4.1
- 2.) FW 4.3 a.) - c.)
- 3.) FW 4.4
- 4.) FW 4.9 a.) You may state the three  $\omega^2 = 0$  modes on the basis of symmetry.
- 5.) FW 4.10
- 6.) FW 4.12
- 7.) FW 4.13