## PHY 5667 : Quantum Field Theory A, Fall 2009

September  $25^{th}$ , 2009 Assignment # 3 (due Thursday October  $8^{th}$ , 2009)

- 1. Problem 7.1 and 7.2 of Srednicki's book.
- 2. Problem 8.1, 8.2, and 8.3 of Srednicki's book.
- 3. Problem 8.7 of Srednicki's book.
- 4. Problem 9.1 of Srednicki's book.
- 5. Problem 9.2 of Srednicki's book.