

P622—Quantum Field Theory
Spring, 2011
Problem Set 6
Due: Tuesday, February 1

- 1.) Problem 14.1 from Srednicki.
- 2.) Problem 14.3 from Srednicki.
- 3.) Problem 14.4 from Srednicki.
- 4.) Problem 14.5 from Srednicki.
- 5.) Problem 16.1 from Srednicki. Note that there is a typo in the book and we should have $\mathbf{V}_4 = -\lambda$ when all four external momenta are on shell.