

Introduction to quantum electrodynamics  
135.045 - (VO 2,0) 2015S

**Homework #05 (Apr 20, 2015)**

- 5.1 Verify (3.7), (3.8) and calculate  $N$ .
- 5.2 Show that the boost (2.35), (2.37) applied to the spinors (3.1) agrees with the Lorentz-boosted spinors (3.7), (3.8) (in x-direction).
- 5.3 Show (3.19) (show both equations!).