

**Physics 221A**  
**Fall 2016**  
**Homework 7**  
**Due Friday, October 14, 2016**

**Reading Assignment:** Notes 11, Sec. 13; Notes 12, Secs. 1–9, 11 and 13–14 (you may skip the sections on the group manifolds and the Cayley-Klein parameters); Notes 13 entire; Notes 14, Secs. 1–4. Similar material is covered by Commins, Secs. 7.1–7.5.

Also, notice the reprint, “I can do that for you!” which contains the recollections of Feynman and his use of path integrals in the early days of quantum electrodynamics.

Please do Problems 11.5, 12.1, 12.3, 13.1 and 13.2.