

Physics 129b  
Problem Set Number 8  
Due Wednesday, March 5, 2008

Reading: Read chapter 5 of Wu-Ki Tung, on the representations of the symmetric groups.

32. Exercise 7 of the note on Lie Groups and Lie Algebras, linked to the course web page.
33. Exercise 8 of the note on Lie Groups and Lie Algebras, linked to the course web page.
34. Exercise 9 of the note on Lie Groups and Lie Algebras, linked to the course web page.
35. Exercise 10 of the note on Lie Groups and Lie Algebras, linked to the course web page.
36. Exercise 11 of the note on Lie Groups and Lie Algebras, linked to the course web page.