

January 23, 2017

PHY 745 – Problem Set #3

Continue reading Chapter 3 in **Dresselhaus² and Jorio**

(Note: You may wish to consult with an updated version of Lecture 2, where a typo has been corrected.)

1. Consider a group of order 4 with the following multiplication table:

	E	A	B	C
E	E	A	B	E
A	A	E	C	B
B	B	C	E	A
C	C	B	A	E

Find the classes of this group and construct a possible character table.