

Physics 745 - Group Theory
Homework Set 29
Due Monday, April 20

1. Using a weight diagram, or tensor methods (your choice), work out the decomposition of the tensor product $3 \otimes 3$ into irreps.
2. Using a weight diagram, or tensor methods (your choice), work out the decomposition of the tensor product $3 \otimes 3 \otimes 3$ into irreps.