



Symmetry in Condensed Matter Physics Group and representation Theory Lectures 1 - 8

Paolo G. Radaelli, Clarendon Laboratory, Oxford University

Thursday, November 2nd 2017, 2:00 pm, SR IV

Lecture 1: Introduction to symmetry in CMP

Thursday, November 2nd 2017, 3:30 pm, SR IV

Lecture 2: Crystallographic point groups and group theory

Monday, November 13th 2017, 2:00 pm, SR IV

Lecture 3: Introduction to the theory of representations

Wednesday, November 15th 2017, 14:00 am, SR II, III

Lecture 4: Key theorems about irreducible representations

Monday, November 20th 2017, 11:00 am, SR II, III

Lecture 5: Applications of representations to physics problems

Wednesday, November 22nd 2017, 10:00 am, SR II, III

Lecture 6: Projectors, subduction and group product

Tuesday, December 5th 2017, 11:00 am, SR IV

Lecture 7: Tensors and tensor products of representations

Thursday, December 7th 2017, 11:30 am, SR IV

Lecture 8: “Physical” tensors

Host: Andrea Cavalleri

