

Quantum Theory in Search of Reality

Thursday March 22

Seminar Topic: Uncertainty, Entanglement, Cats and Friends

Seminar Break: Lily/Amelia

Readings for presentations:

Boccio ---- Chapter\_12 Sections 12.1-12.4 (pages 447-464)  
Chapter\_13 Sections 13.1-13.5.5 (pages 465-503)

Presentations:

Sections 12.1-12.4(pages 345-346) Uncertainty principle	_Professor_
Section 13.1(pages 465-467) Is quantum theory complete?	_Lily_
Section 13.2(pages 467-472) The EPR argument	_Rita_
Section 13.3(pages 472-476) Locality, EPR and Bell	_Darren_
Section 13.3(pages 476-483) E(instein)P(odolsky)R(osen) Version #2	_Rose_
Section 13.3(pages 483-486) Simple experiment	_Max and Patricia_
Section 13.4(pages 486-492) Bohr and EPR - Discussion #1	_Amelia_
Section 13.5(pages 492-495) Entanglement, Measurement, and the damned cat	_Yared_
Section 13.5.3-13.5.4(pages 495-501) Schrodinger's cat	_Joseph_
Section 13.5.5(pages 501-503) Wigner's friend	_Joyce_