

Assignment 13 - Quantum Mechanics

Everyone meets in one seminar on Monday 12/05/05 at 7PM.

Readings

Read as much as you can, but mainly your own topic.

Boccio -- Section 16 Cats and Friends

Section 17 Erasers

Section 18 Pots

Section 19 Worlds

Maudlin 1,3-8

Maudlin 2 is a review of special relativity.

Maudlin 9 is about Morals

Maudlin Appendix is a review of QM.

Subject Presentations (15 minutes)

12 presentations - 15 minutes each - Group of 3 presenting (1 from each seminar) - Make your presentation INTERESTING.

***** HAVE FUN *****

Schrodinger Cats (use Internet also)	_____		_____		_____
Wigner Friends(use Internet also)	_____		_____		_____
Quantum Erasers(use Internet also)	_____		_____		_____
Watched Pots(use Internet also)	_____		_____		_____
Many Worlds(use Internet also)	_____		_____		_____
Maudlin 1 Bell's Theorem: The Price of Locality	_____		_____		_____
Maudlin 3 Superluminal Matter Transport	_____		_____		_____
Maudlin 4 Controlling the Connection: Signals	_____		_____		_____
Maudlin 5 Causation	_____		_____		_____
Maudlin 6 Secret Messages	_____		_____		_____
Maudlin 7 Points of View	_____		_____		_____
Maudlin 8 Life in Elastic Space-time	_____		_____		_____