

Physics 002B

Assignment #13

Quantum Theory in Search of Reality

Wednesday April 18

Seminar Topic: Many Worlds and Other Thoughts

Seminar Break: Sam, Eduadro and Amir

Readings for presentations:

Boccio ---- Chapter_17 Sections 17.1-17.4 (pages 611-635)

Chapter_18 Sections 18.1-18.2 (pages 637-645)

Presentations:

Section 17.1(pages 611-615) _Sam,Yi-Wei,Taryn_
Many-Worlds Interpretation

Section 17.2(pages 616-622) _Aileen,Katy,Carolyn_
Decoherence

Section 17.3(pages 622-628) _Eduardo,Daniel_
The Infinite Regress

Section 17.4(pages 626-635) _Michael,Amir,Estefania_
Attempts to Solve the Measurement Problem

Section 18.1.1-18.1.2(pages 637-645) _Everyone Discuss_
Free Will and Determinism
Does God Exist?

Finally:

What is your view of QM, Interpretations and Reality?

General Discussion _Everyone give opinions_

You should be writing your paper by now!!!!