

Quantum Theory in Search of Reality

Wednesday February 01

Seminar Topic: More Experiments and Start of Mathematics

Seminar Break: Aileen/Daniel

Readings for presentations:

Boccio ---- Chapter\_03 Section 3.2

Boccio ---- Chapter\_04 Section 4.1

Readings for alternative views and other background:

Gribbin --- Chapter 05

Presentations:

Section 3.2 (pages 110-115) Interference Experiment: First Thoughts	_Estefania/Taryn_
Section 2.1(pages 115-118) Mach-Zehnder with Photons	_Carolyn/Katy/Amir_
Section 2.1(pages 118-121) Delayed Choice	_Aileen/Daniel/Sam_
Section 2.1(pages 121-124) Another Interference Experiment	_Michael/Yi-Wei/Eduardo_
Section 4.1(pages 125-144) States, Operators and New Math Simple Classical Probability Simple Complex Numbers Vectors, bases and inner products Two-Path Experiment Explained	_Professor_