Mathematics and Philosophy Reading Group III

Thursdays, 2/10 to 3/10

Thursdays, 4/14 to 5/5

4-5pm Miami

11am-12pm Hawaii

5am-6am Hong Kong

Euclid’s Elements, Books I – III

*The first three books of Euclid are thought to have been written and compiled by Hippocrates of Chios. Therefore, we have good reason to believe that these are the mathematical truths that Plato would have known. To understand Books I-III then, is to be able to understand the foundations and the limits of Plato’s mathematical thinking.*

Thursday, February 10th – Book I

Definitions 1-20; Postulates 1-5; Common notions 1-5; Propositions 1-5 (pg.6-12)

Thursday, February 17th – Book I

Propositions 6-26 (pg. 12-30)

Thursday, February 24th – Book I

Propositions 27-34 (pg.30-37)

Thursday, March 3rd – Book I

Propositions 35 – 48 (pg.37-48)

Thursday, March 10th – Book II

Definitions 1-2; Propositions 1-9 (pg. 50-60)

[Break March 17th – April 7th]

Thursday, April 14th – Book II

Propositions 10-14 (pg. 61-67)

Thursday, April 21st – Book III

Definitions 1-11, Propositions 1-8 (pg. 68-79)

Thursday, April 28th – Book III

Propositions 9-16 and Corollary (pg. 79-88)

Thursday, May 5th - Book III

Propositions 17-37 (pg. 88-107)