Ross Summer Academy #2: Geometric

Ralph Abraham University of California at Santa Cruz

Exemplary Units

- Five mentalities:
 - R:aRithmetic, from dot
 - G: Geometric, from 3500 BCE (grade 5)
 - A: Algebraic, from 800 CE (grade 8)
 - D: Dynamic, from 1600 (grade 9)
 - X: Chaotic, from 1889 (grade 11)

G threads, grs 5-12

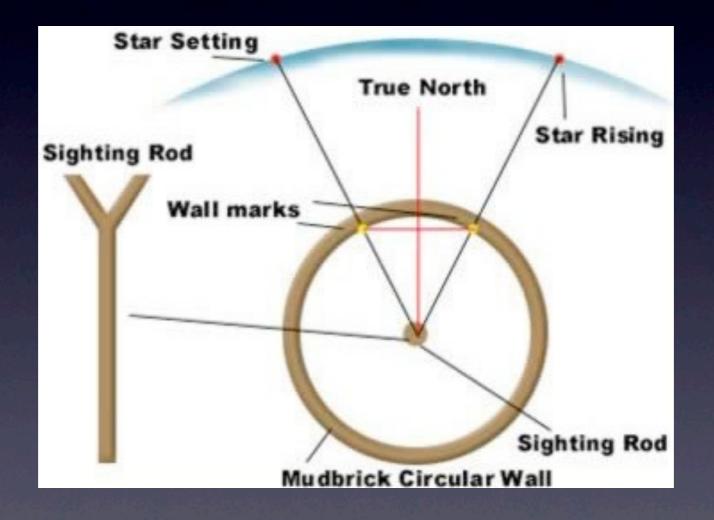
GI. Constructions of Euclid
G2. Orientation of temples

- G3. Sacred geometry
- G4. Archeoastronomy
- G5. Drawing and perspectivve

GI. Constructions

- C#01. Equilateral triangle
- C#04. Bisect an angle
- C#05. Bisect a line segment
- C#I5. Golden section

G2. Cheops Orientation

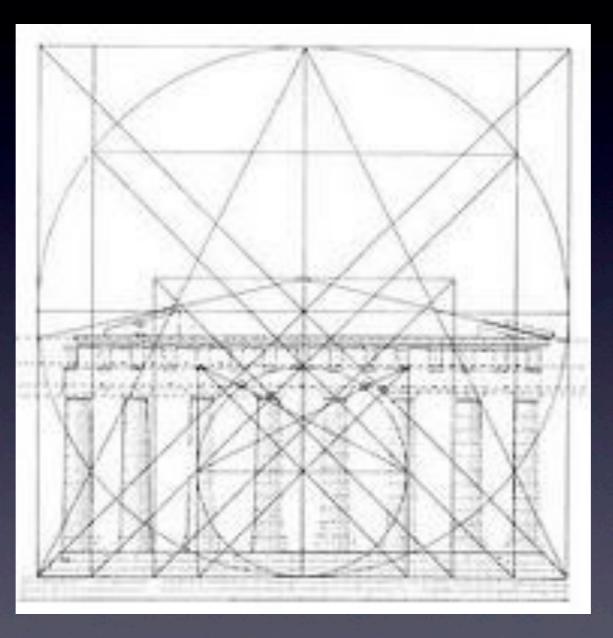


Wednesday, August 11, 2010

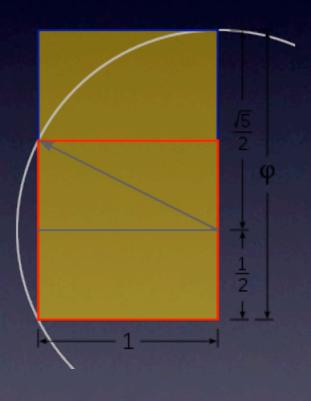
G3. Sacred geometry

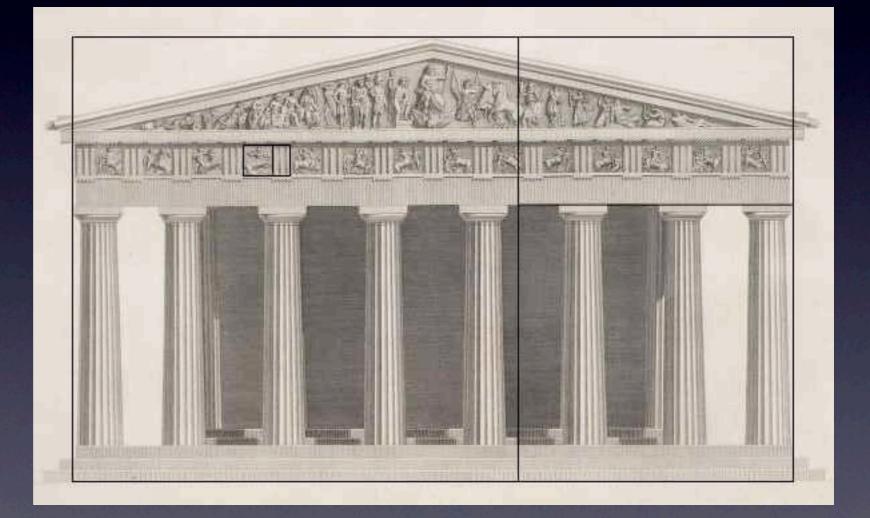
- Silver section
- Golden section

Silver Parthenon



Golden Parthenon





The End

• For more, see:

• www.ralph-abraham.org/ross