

Bridges between Cultures

March 20th 2021



Murder of Hypatia of Alexandria
Ari Belenkiy, Canada



MURDER OF HYPATIA OF ALEXANDRIA

Ari Belenkiy

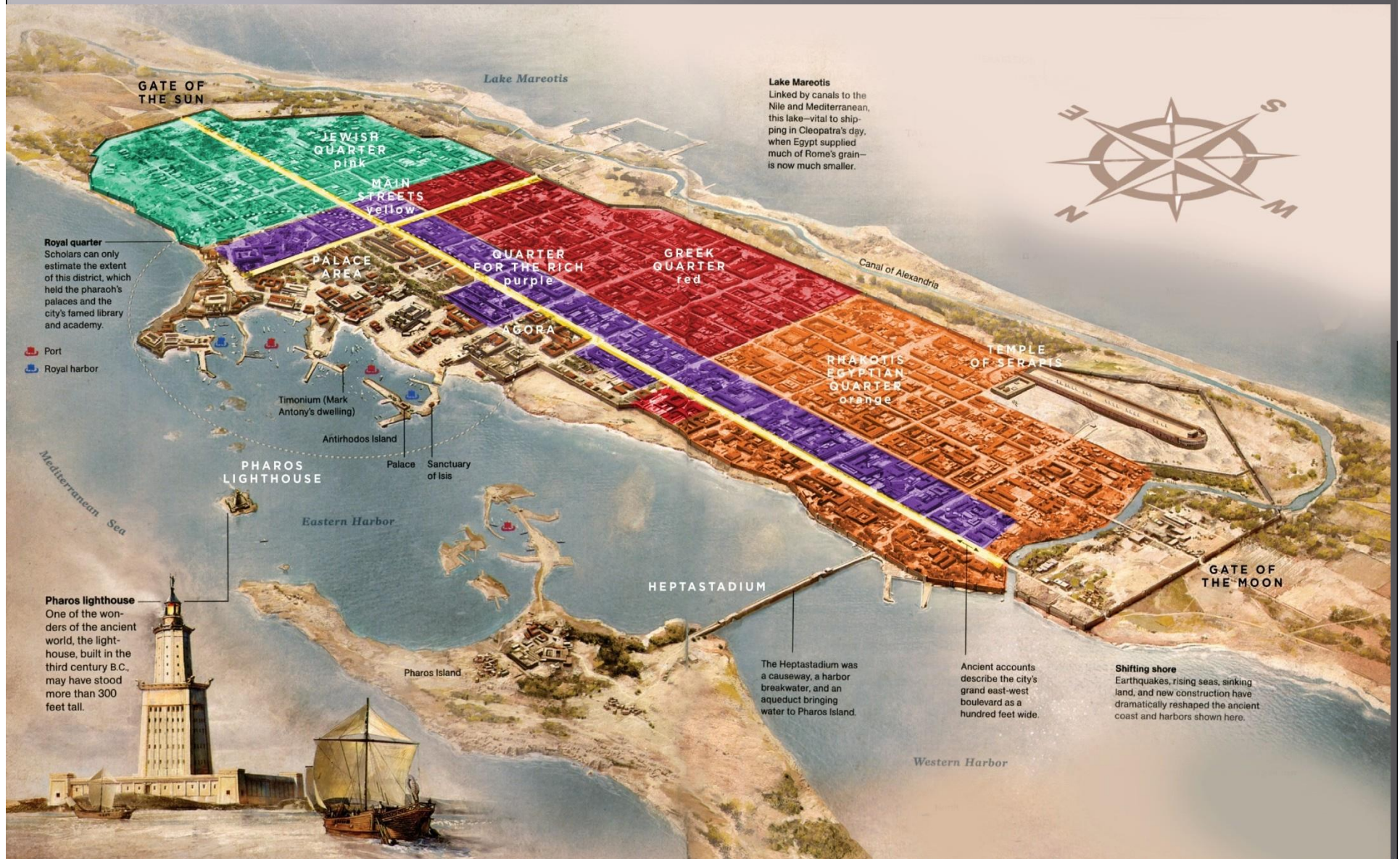
Roman Empire after 395

(Wiki)



Alexandria

(National Geographic)



Easter conflicts in Roman Empire

(prepared by P. Kuzenkov)

[illegible]

Definition of Easter

- ▣ *Easter* = the most important Christian holiday celebrated on the first Sunday after the *first vernal* (spring) *full moon*.
- ▣ Vernal = on or after the vernal (spring) equinox.

Hypothesis

- ▣ Hypatia's murder related to the Easter conflict
- ▣ and her involvement therein as an astronomer

Alexandrian Church Calendar

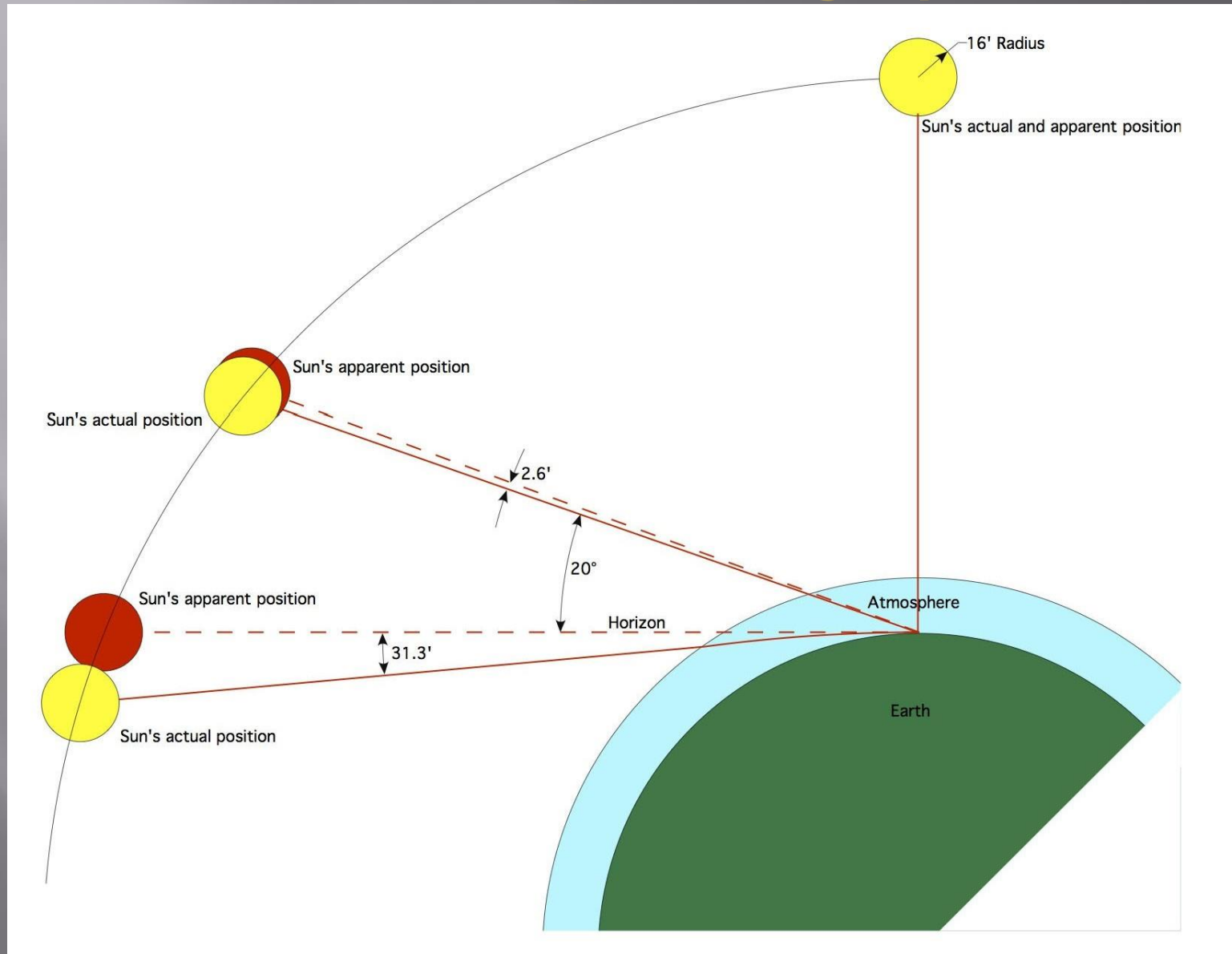
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Hypatia (Rafael) and Philostorgius:



Hypatia, Theon's daughter, practiced sciences (μαθήματα) under her father's direction but surpassed her teacher, especially in *the art of astronomy* (ἀστροθεάμονα τέχνην), and instructed many people in the *sciences*. In the reign of Theodosius the Younger the woman was *torn to pieces* (διασπασθῆναι) by *homoousians*

Atmospheric Refraction (drawn by R. Gregory)

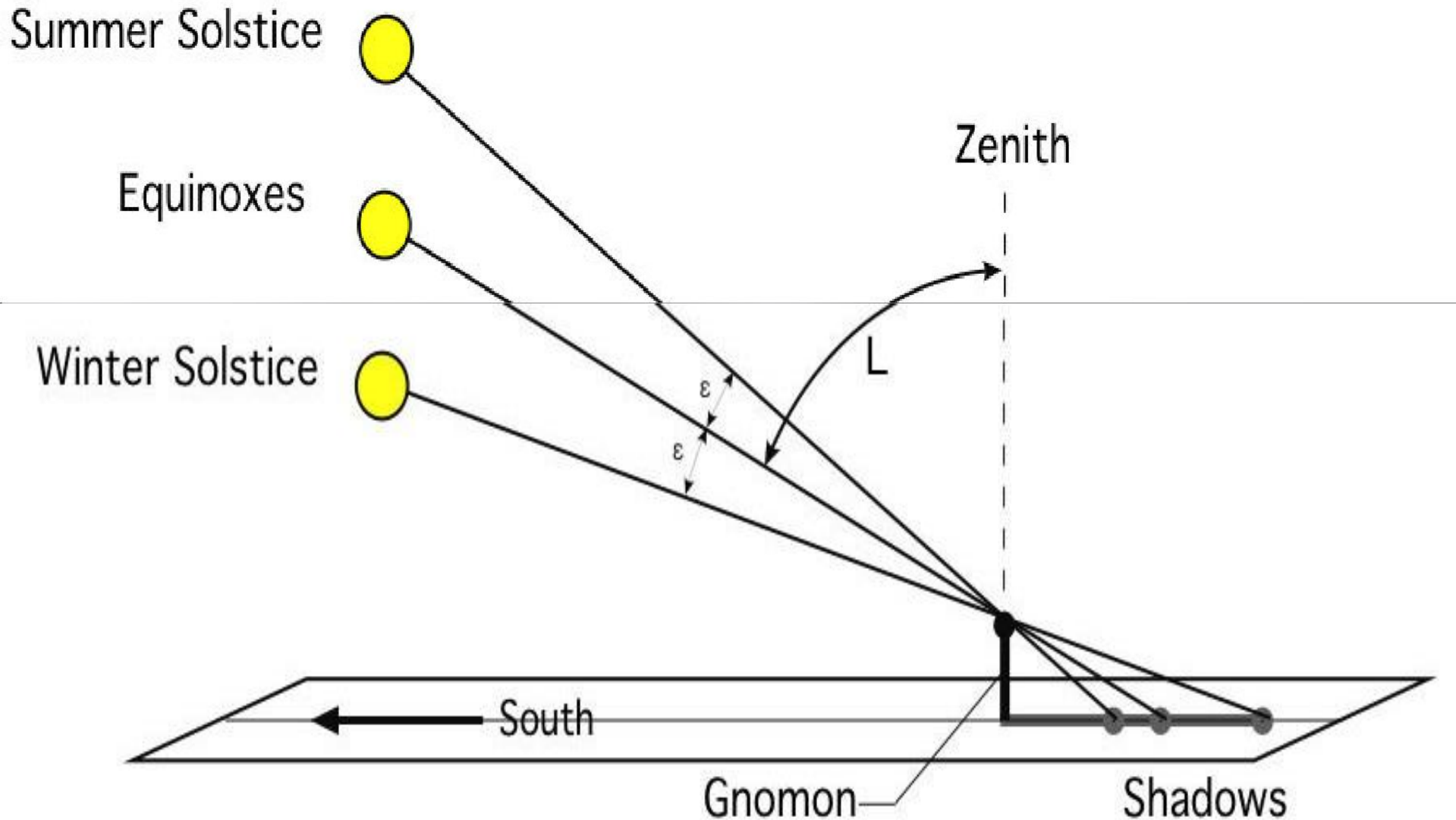


Hypatia and Theon ("Agora")



How to catch the equinox?

(drawn by E. Vila Echagüe)



Equatorial Ring

(this one made by F. and M. Bruins in 1967)



The circumstances of the murder (Wiki)



Reconstruction of the Palace Area in Alexandria (M. Bengtsson)



Auditorium at Kom-el-Dikka

(Polish excavations, G. Majcherek)



Proposal

- ▣ Memorial Day for Hypatia on the day of the vernal equinox in Alexandrian local time
- ▣ From 2016 to 2050 all vernal equinoxes in Alexandria fall on March 20
- ▣ March 20 = Hypatia's Memorial Day
<https://www.change.org/p/canada-s-parliament-commemorating-the-first-female-astronomer-hypatia-of-alexandria>