

Cosmopolitan Alexandria, Egypt

Daughter of Theon
(Mathematician Professor
@ Alexandria University)

→ Tutored her himself
on math, astronomy
and philosophy, world of education
despite the contemporary
view on women's role
in the society *

Hypatia devoted herself
to learning & teaching
→ people from other cities
came to study & learn from her

Conflict between the civil leader (Orestes - Governor)
and the religious leader, Cyril
→ Hypatia was friend with Orestes
, and she was neo-platonist!

Neoplatonist → She based her teachings
on Plotinus, not Iamblichus ⇒ All reality comes
from one source: the ONE
(ineffable)

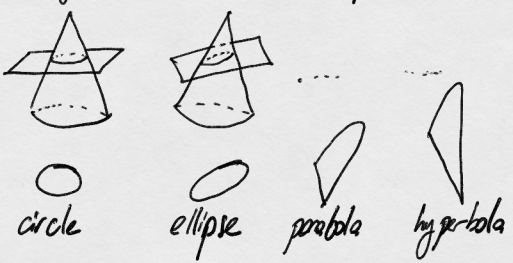
"...the lady made appearances around the
center of the city, expounding in public
to those willing to listen on Plato or Aristotle"
- the philosopher Damascius

She stood for:
- intellectual values
- rigorous mathematics
- crucial role of mind
- ascetic neo-platonism
- voice of temperance
- moderation in civic life → by Deakin

Credited by one of her students,
as the inventor of astrolabe (quite unlikely)
→ most likely constructed
plane astrolabes
→ date and time
based on positions of
celestial objects

Edited (w. Theon?) Ptolemy's Almagest
Geo-centric model
of the universe
↓
Astronomical table

Edited & commented on
↓
"Apollonius' Conics"
↓
Hyperbolas, parabolas, ellipse
↓
Diophantus' Arithmetica



Among the leading
mathematicians of her
time!

