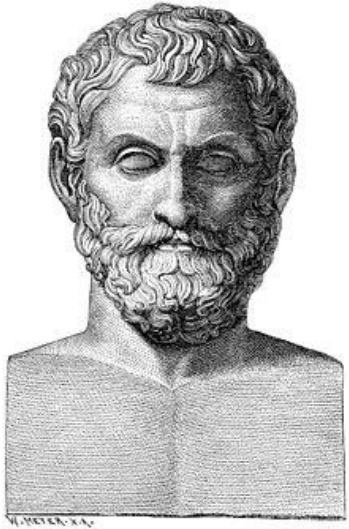


2.

prema protokemiji



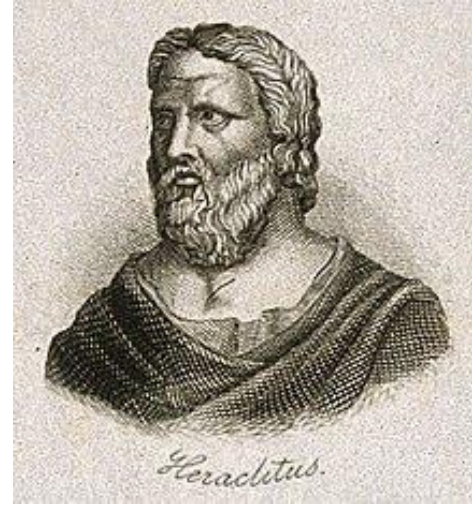
Tales iz Mileta
(oko 624./623.–
548./545. p.n.e.)



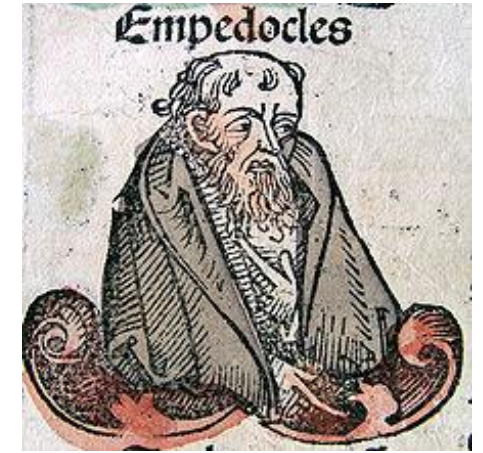
Anaksimandar
(iz Mileta)
(oko 610.–
546. p.n.e.)



Anaksimenes
(iz Mileta)
(oko 586.–526. p.n.e.)



Heraklit „Mračni“
(iz Efeza)
(oko 535.–475. p.n.e.)



Empedoklo (iz Akragas)
(oko 494.–434. p.n.e.)

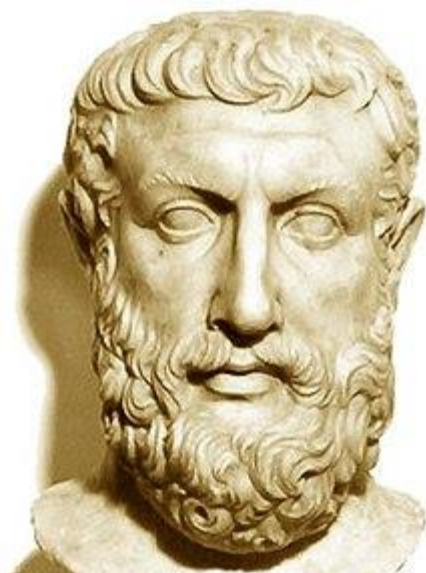
ρίζωματα

Korjenima iz kojih je proisteklo
Vratit će se sve.
Naša tijela zemlji,
Naša krv vodi,
Toplina vatri,
Dah zraku.





**Anaksagora (iz
Klazomenâ)**
(oko 500.–
428. p.n.e.)
νοῦς

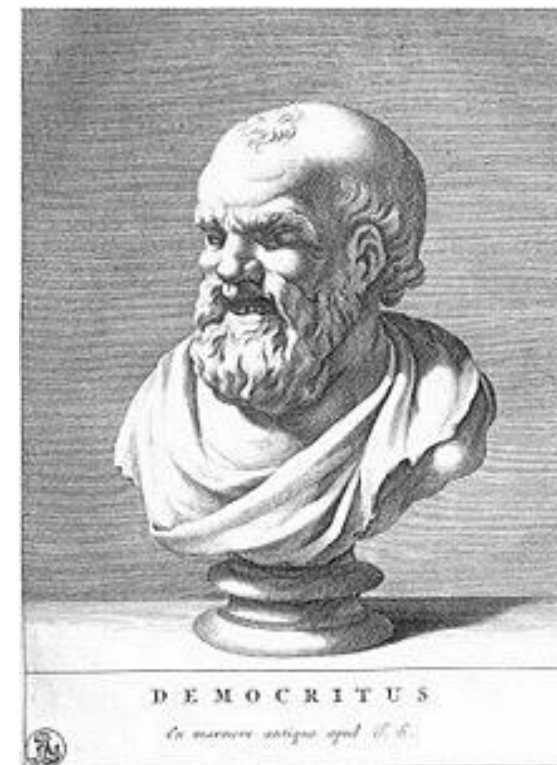


Parmenid (iz Eleje)
(kraj VI. – početak V. st. p. n. e.)

ὄντος

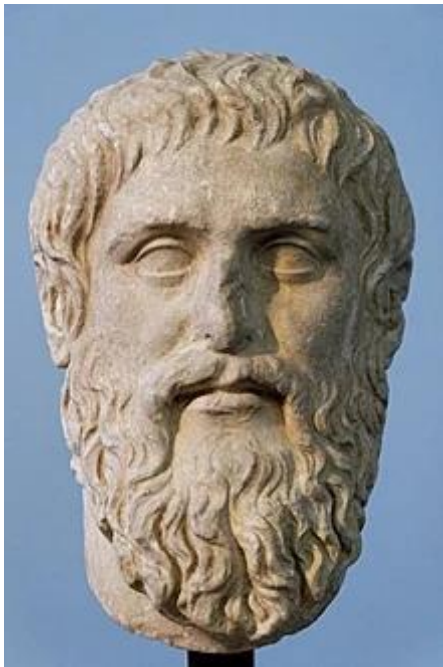


Leukip (iz Mileta)
(početak V. st. p. n. e.)



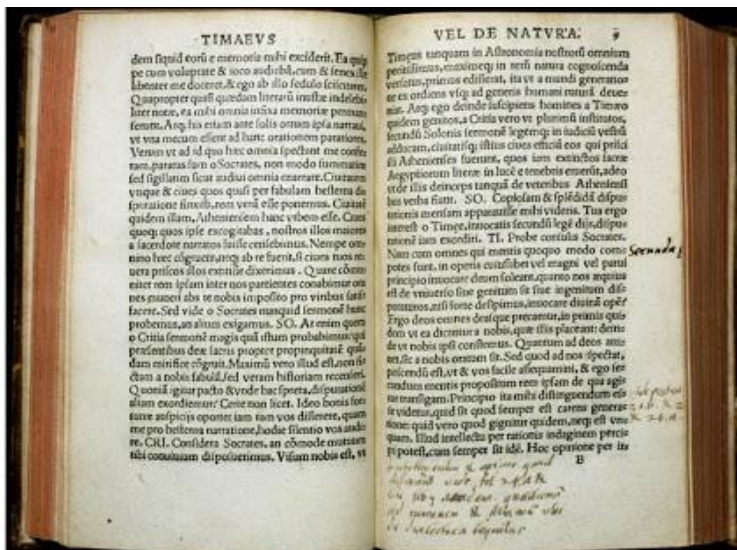
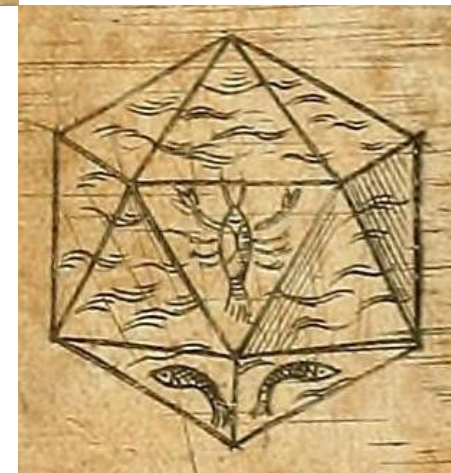
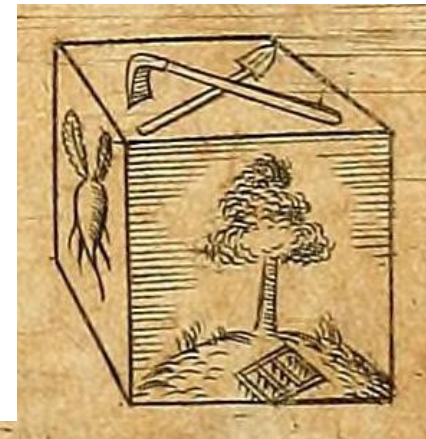
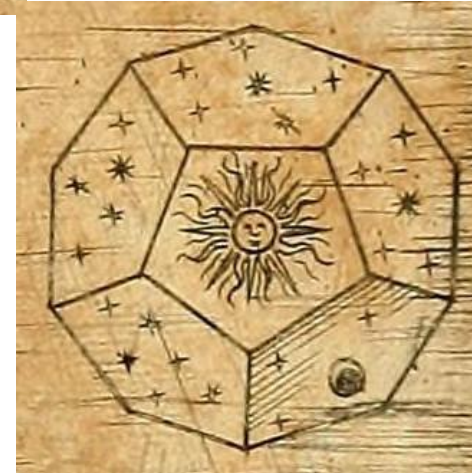
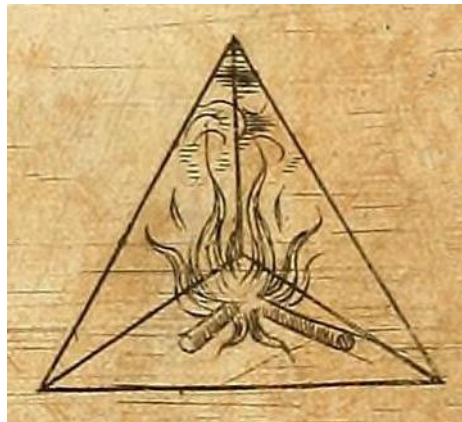
Demokrit (iz Abdere)
(460.–370. p. n. e.)

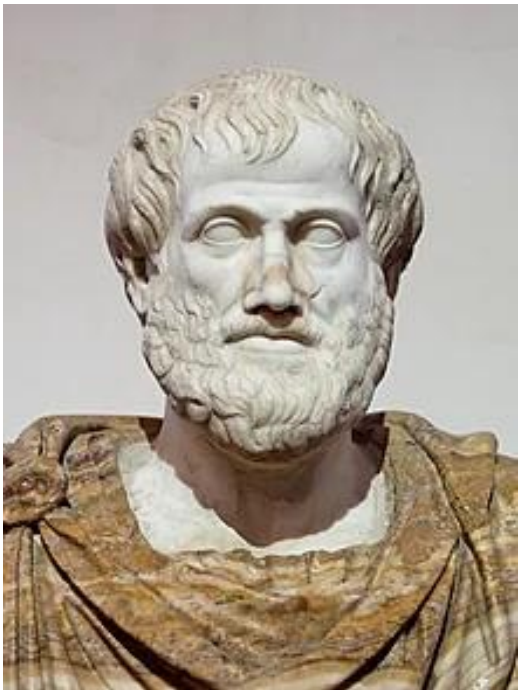
ἄτομος



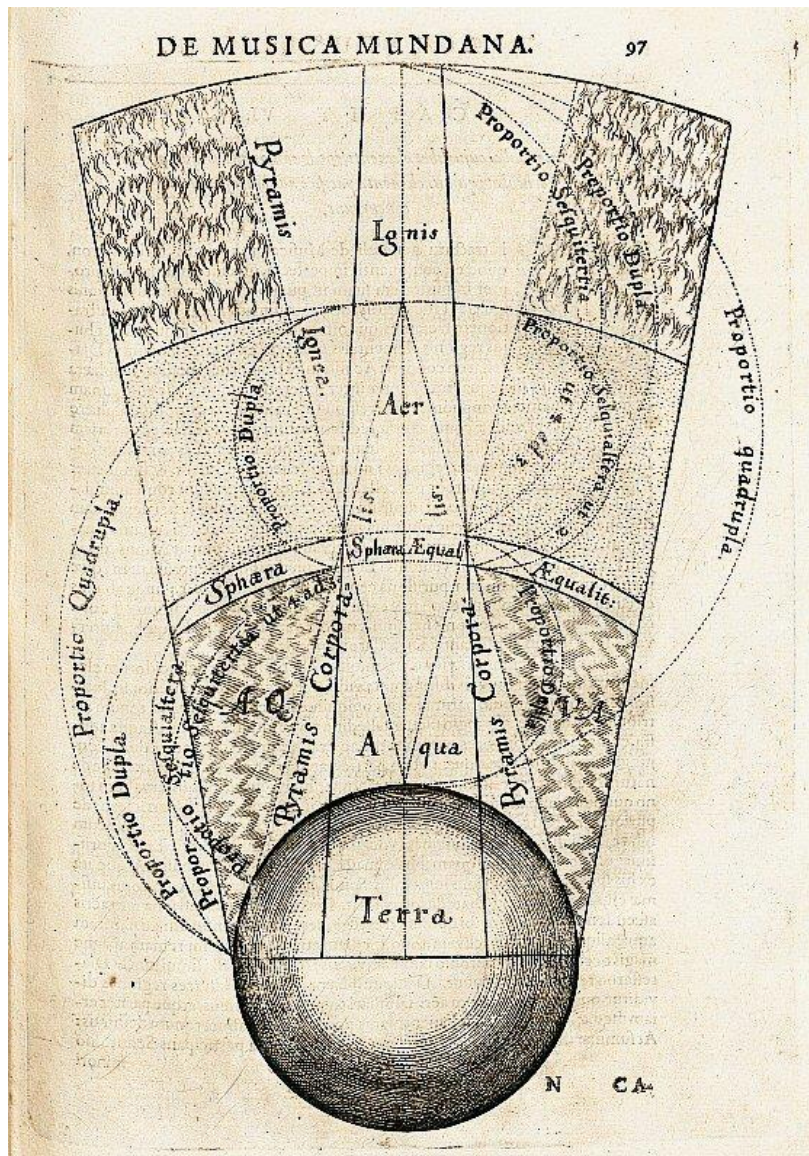
Platon (iz Atene)
(428/427(424/423)–
348/347 p.n.e.)

στοιχείον

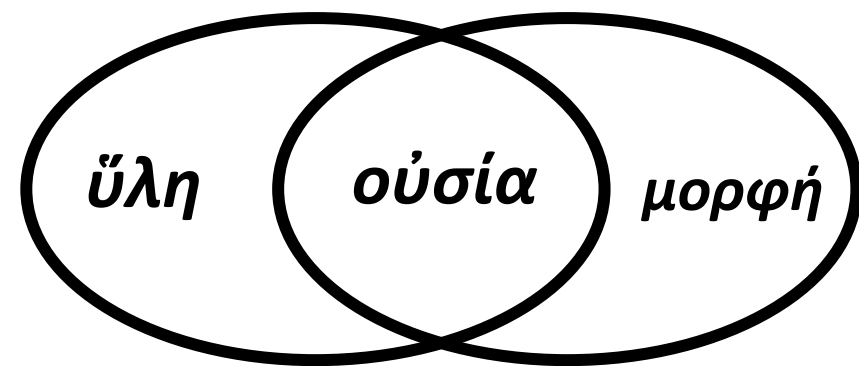


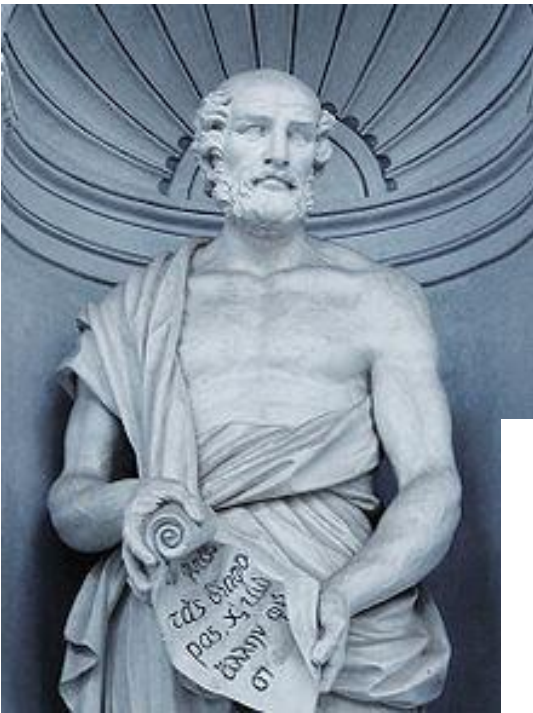


Aristotel (iz Stagire)
(384.–322. p.n.e.)



Iz R. Fludd, *De Musica Mundana*, 1618.





Theophrast (iz Ereza)
(oko 371.–287. p.n.e.)

ΘΕΟΦΡΑΣΤΟΥ τῆς ΕΡΕΣΙΟΥ
ΠΕΡΙ ΤΩΝ
ΛΙΘΩΝ
ΒΙΒΛΙΟΝ.

THEOPHRASTUS'S
HISTORY OF STONES.

With an **ENGLISH VERSION,**

AND

CRITICAL AND PHILOSOPHICAL NOTES,

Including the Modern History of the **GEMS, &c.**
described by that Author, and of many other of
the Native **FOS SILS.**

By **JOHN HILL.**

To which are added,

TWO LETTERS:

One to Dr. **JAMES PARSONS, F.R.S.**
On the Colours of the *Sapphire* and *Turquoise*.

AND THE OTHER,

To **MARTIN FOLKES, Esq;** Doctor of Laws,
and **PRESIDENT** of the **ROYAL SOCIETY;**

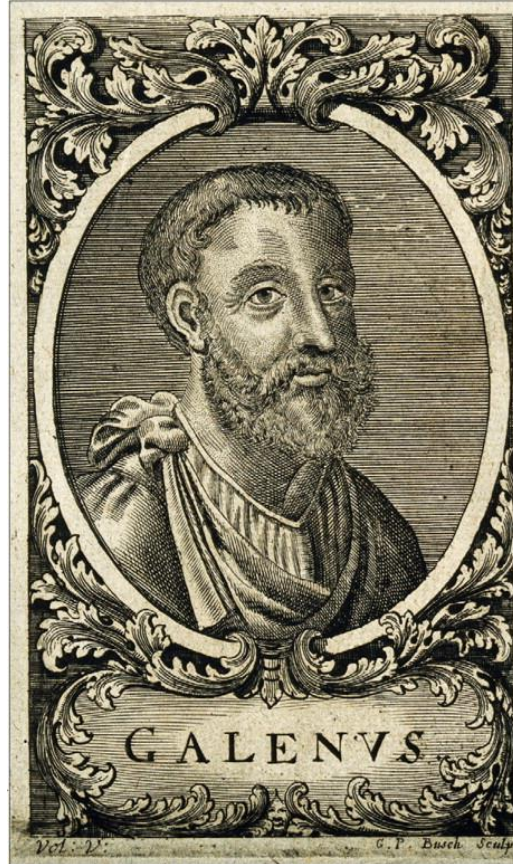
Upon the Effects of different Menstruums on *Copper*.

Both tending to illustrate the Doctrine of the **GEMS**
being coloured by *Metalline Particles*.

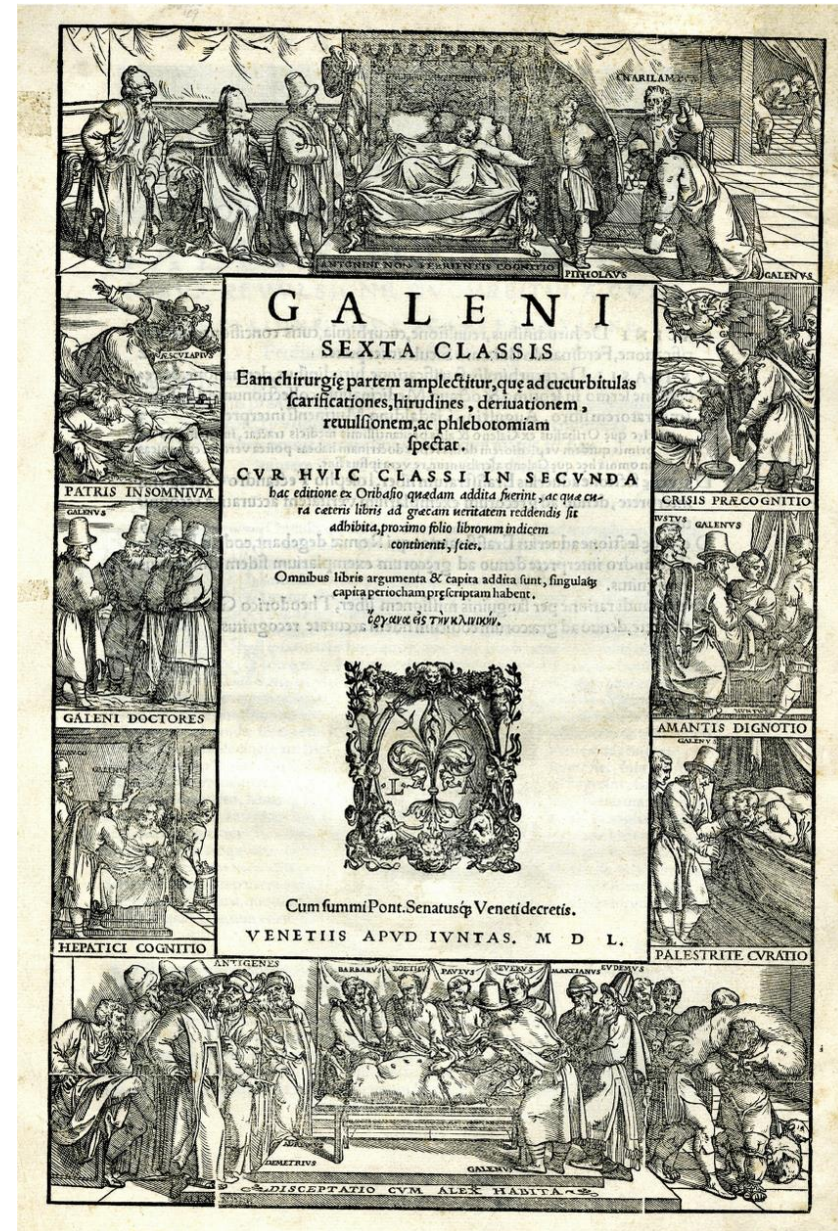
L O N D O N,

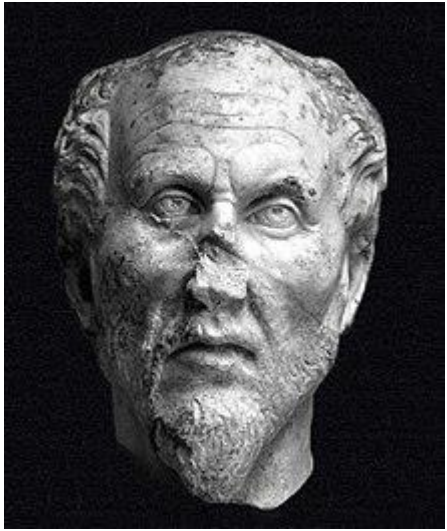
Printed for **C. DAVIS,** against *Grays-Inn* in *Halborn,*
Printer to the **ROYAL SOCIETY.**

M D C C X L V I.



Elije (Klaudije) Galen
(iz Pergama)
(129.–199.)





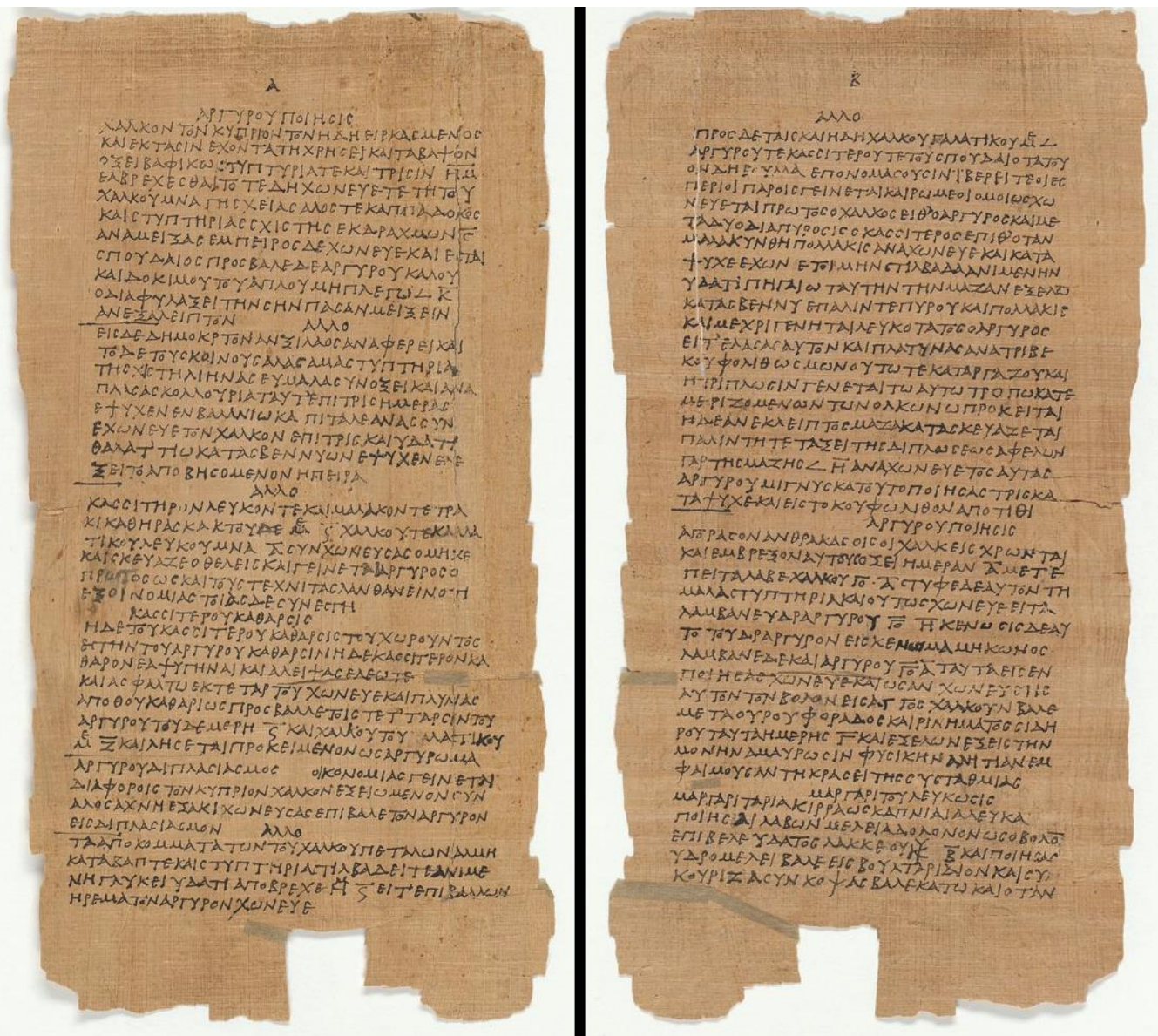
Plotin (204/5.–270.)

Iz D. Stolz von Stolzenberg,
Viridarium Chymicum, 1624.



‘Hermes Trismegistos’ (/ – /)

Aurifiktori i aurifaktori



Leydenski i Stockholmski papirusi (250.-300.)

Iz H. Khunrath, *Amphitheatrum sapientiae aeternae, solivs verae*, 1609.



„H. Trismegistos”, *Tabula smaragdina* („1500 p.n.e.”/oko 600.)

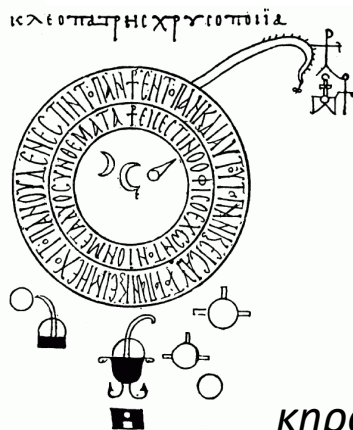
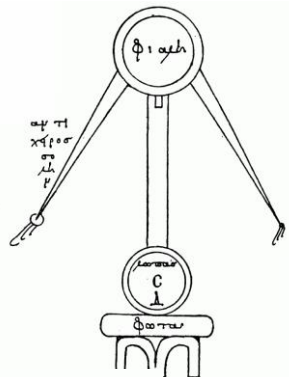
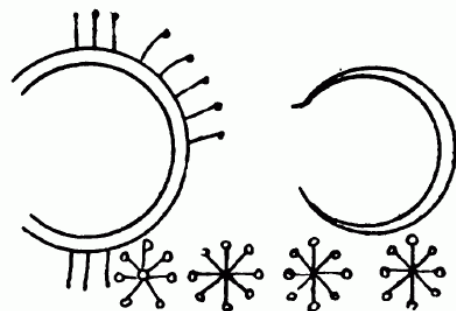


Kleopatra (3. stoljeće)

Ἐκ τῶν Κλεοπάτρας περὶ μέτρων
καὶ σταθμῶν

Χρυσοποιία Κλεοπάτρας

Διάλογος φιλοσόφων καὶ
Κλεοπάτρας



διβικός

κηροτακίς

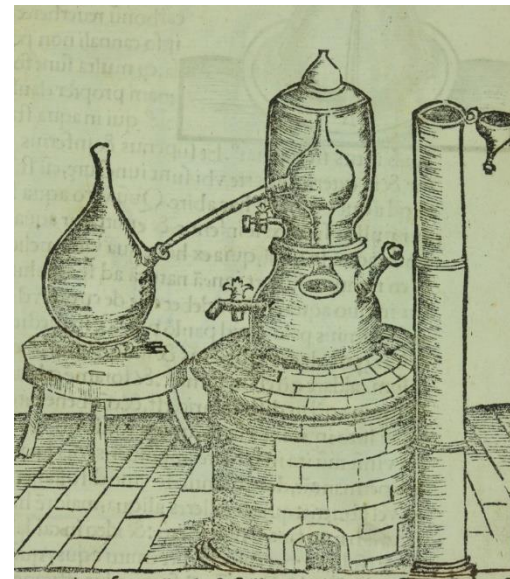
Iz rukopisa Χρυσοποιία Κλεοπάτρας 10./11. st., MS Marciana gr. Z. 299



Marija Židovka (*Prophetissima*) (1./3. stoljeće)



banja-marija



balneum Mariae,

Iz P. Ulstad, *Coelum philosophorum*, 1528.



Zosim iz Panopolisa (Zosimus Alchemista), (3./4. stoljeće)

Sačuvani (protokemijski) tekstovi:

Knjiga ključeva djela

Knjiga slikâ

Pisma Teozebiji

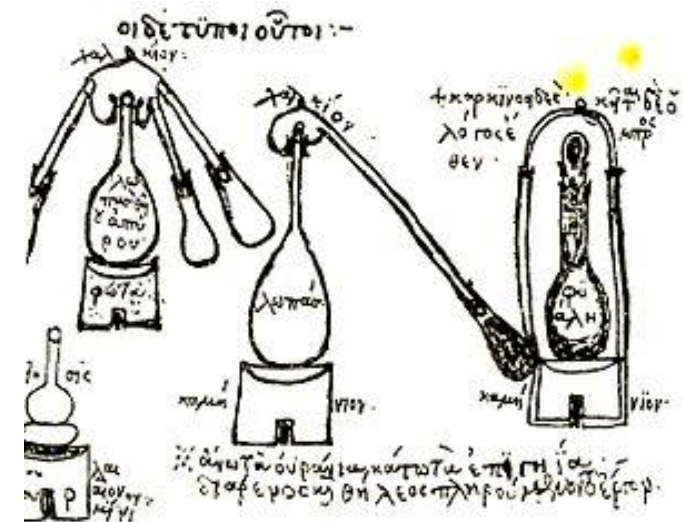
O Isparavanju božanske vode koja
fiksira živu

O slovu omega

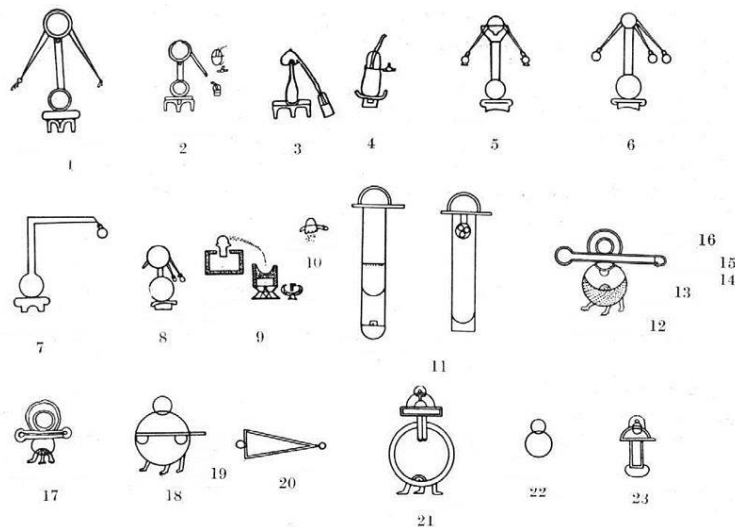
Sumpori

O napravama i pećima

...



Codex Parisinus 2327. (15. stoljeće)



Aleksandrijske kemijske aparature iz rukopisâ
Zosimovih knjiga (10./11. stoljeće)

iz M. Berthelot, *Introduction a l'etude de la chimie des
anciens et du moyen age*, 1889.

Umijeće pretvorbe = **χημεία** (u
čast 'mudraca Kemesa' koju ju je
prvi postigao)



Dioklecijan (244.–311., car 284.–305.)

Oko 300. naredba da se spale 'drevni egipatski tekstovi koji se bave *kemeiom* (χημεία) srebra i zlata'.



Edikt o maksimalnim cijenama (301.)

Po Zosimu

Χυμες = prorok; knjiga Χυμα / Χυμυ

Egipatski

khem / khm / khame / khmi = crno, crnina

Grčki

χέειν = lijevati, χύμα = odljevak, talina
χυμεία = slijevanje, zavarivanje, legiranje...

χημεία/χημία

?

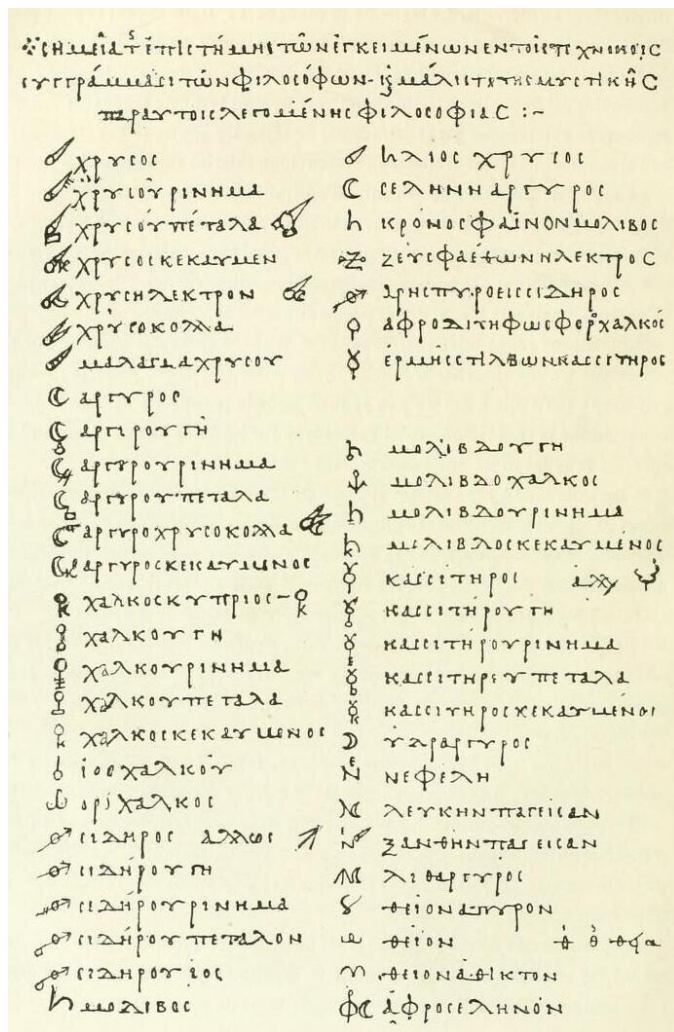
Hebrejski

chometz/chametz = kvasac
Chamesch = sunce

Kineski

kiem/kim = zlato
kim iak = 'pitko zlato'

Simbolika



Zosimova (?) aklempijska simbolika
(prijepis oko 1100.)

Boje:

Pretvorba teče od nikakve boje (crne), do najsavršenije (purpurne) u 4 koraka:

melanosis / nigredo
leukosis / albedo
xanatosis / citrinitas
iosis / rubedo



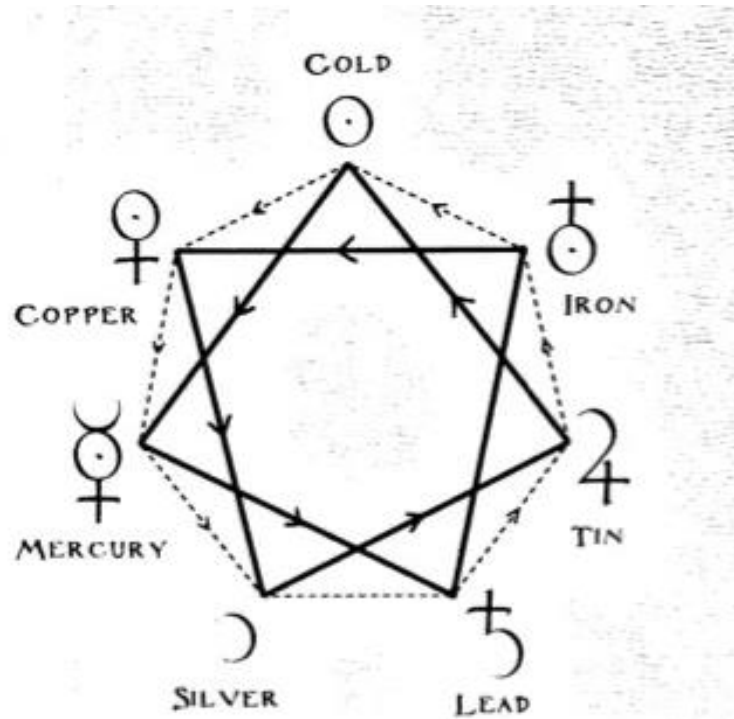
Spolovi:

Tvari su muške (tamno kamenje, sumpor, arsen, zlato) ili ženske (svijetlo kamenje, živa, srebro)

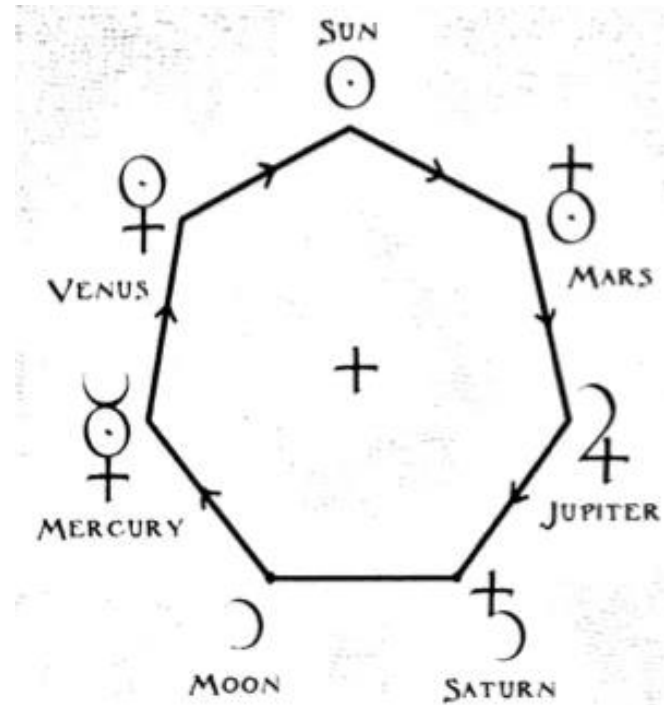
Spajaju se muške sa ženskima

Pratvar = univerzalno počelo – dvospolac (hermafrodit, rebis)

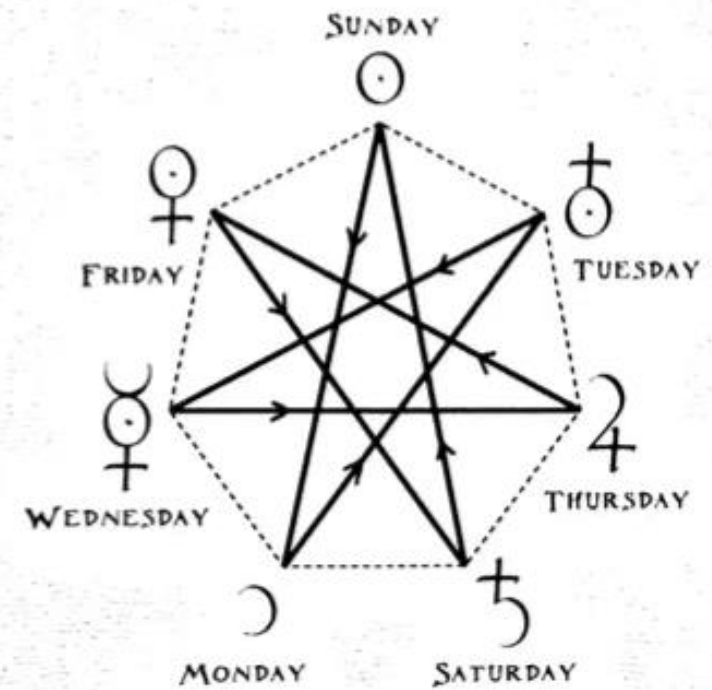
Metali i planeti



THE SEVEN METALS OF ANTIQUITY:
Start with Iron and follow the arrows to
give elements of increasing atomic number.



THE SEVEN HEAVENLY BODIES:
Start at the Moon and follow the arrows to
give the 'Chaldean Order' of the spheres.



THE SEVEN DAYS OF THE WEEK:
French: Lundi, Mardi, Mercredi, Jeudi,
Vendredi... follow the arrows again.