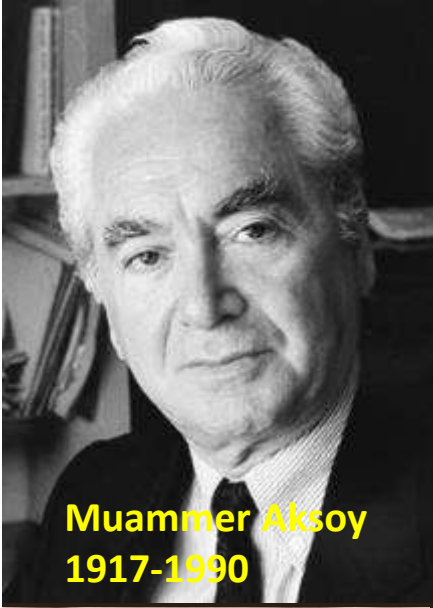


BİLİMİN SAVUNMASI

Prof.Dr. D. Ali Ercan

Ulusal Eğitim Derneği

11.4.2015 Ankara



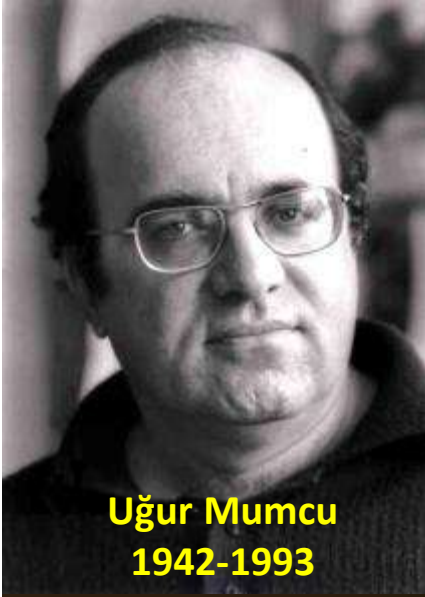
Muammer Aksoy
1917-1990



A. Taner Kışlalı
1939 -1999



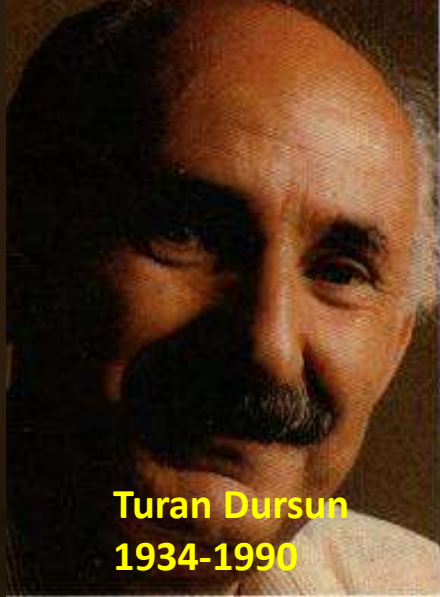
Bahriye Üçok
1919-1990



Uğur Mumcu
1942-1993

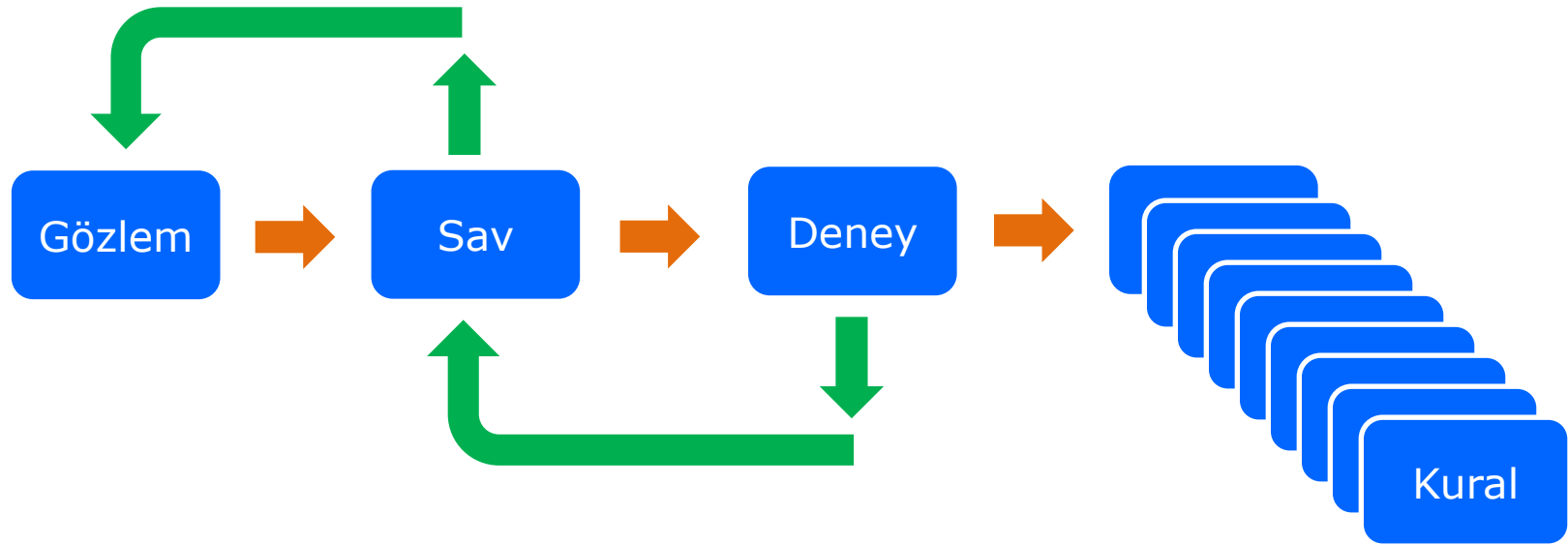


Necip Hablemitoğlu
1954-2002

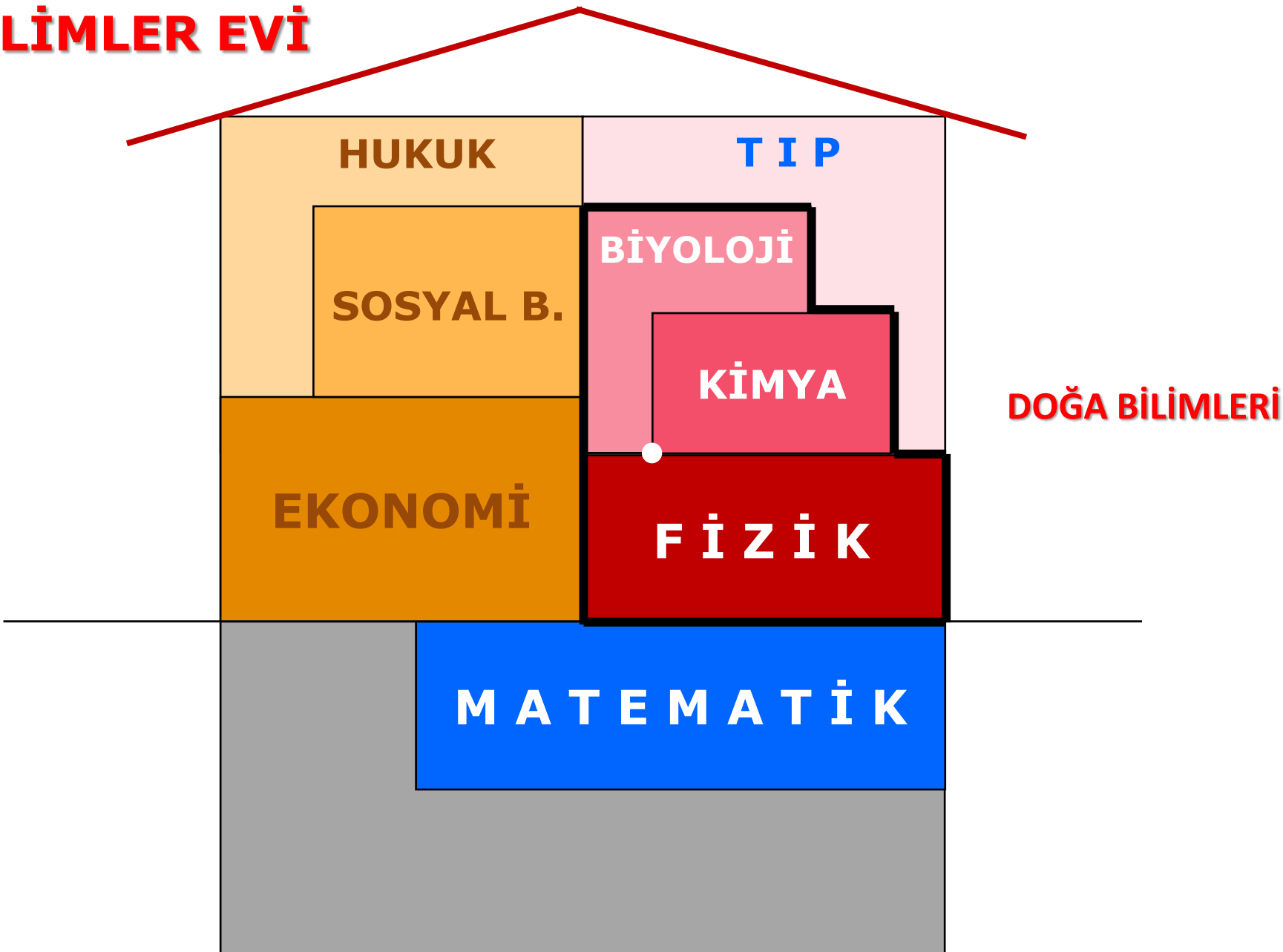


Turan Dursun
1934-1990

- Bilim nedir?
- Bilim, nesnel arařtırmalara dayalı bulgular temelinde kanıtlanmış bilgiler sistematiğidir. æ



BİLİMLER EVİ



”...Türk milletinin, yürümekte olduđu terakki (gelişme) ve medeniyet yolunda, elinde ve kafasında tuttuđu meşale, müspet ilimdir...”

Mustafa Kemal ATATÜRK

**“...İlim tercüme ile değil,
tetkik ile olur...”**

Mustafa Kemal ATATÜRK

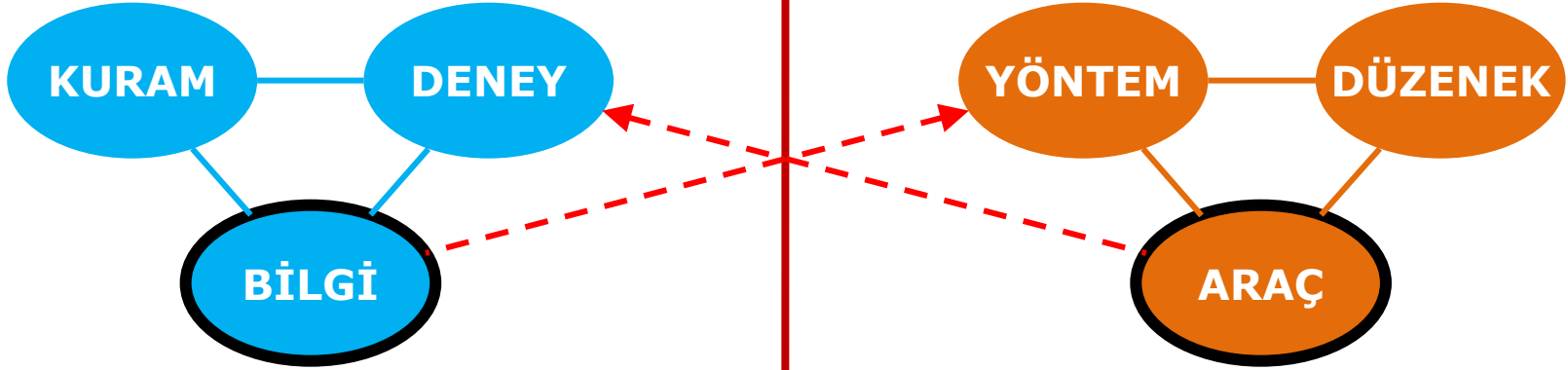
ARAŞTIRMAK

BİLİMSEL
(Temel)

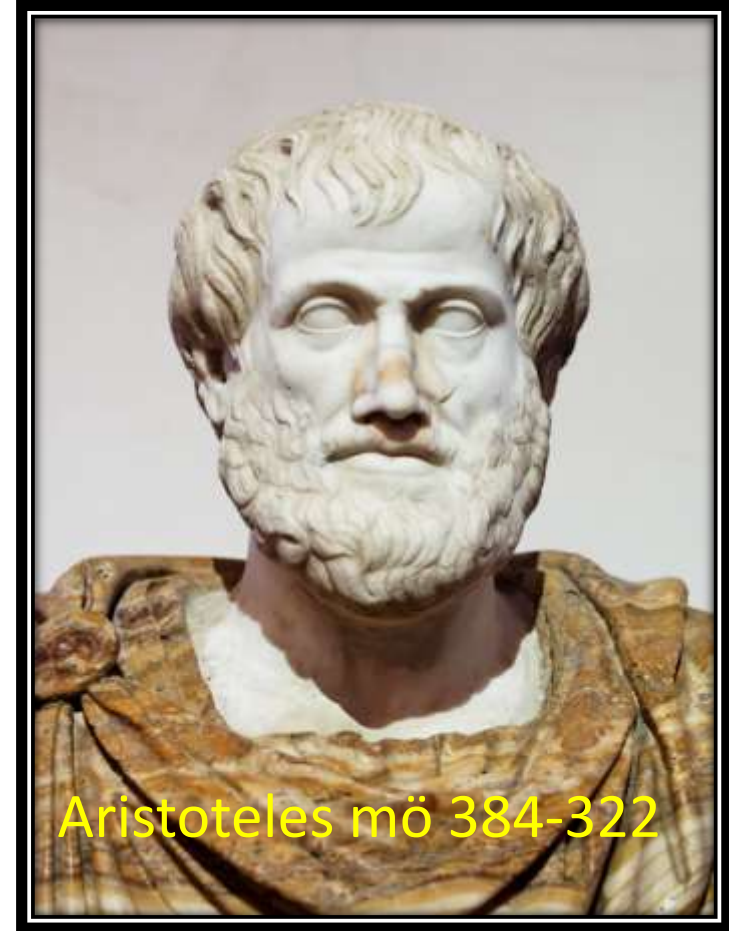
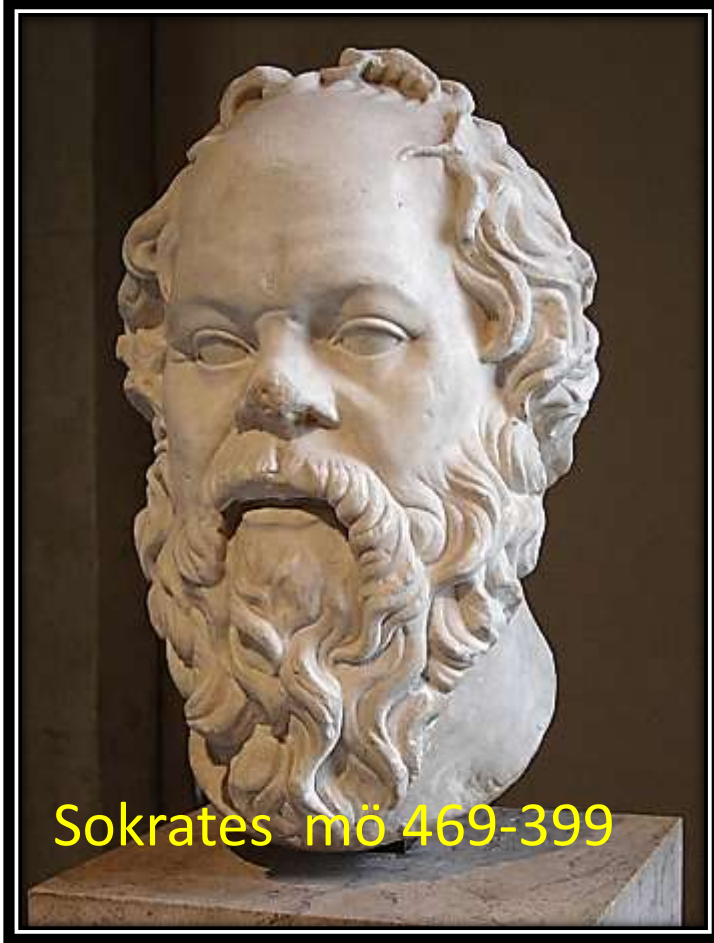
TEKNOLOJİK
(Uygulamalı)

ÜNİVERSİTE
BAĞIMSIZ

SANAYİ
GÜDÜMLÜ



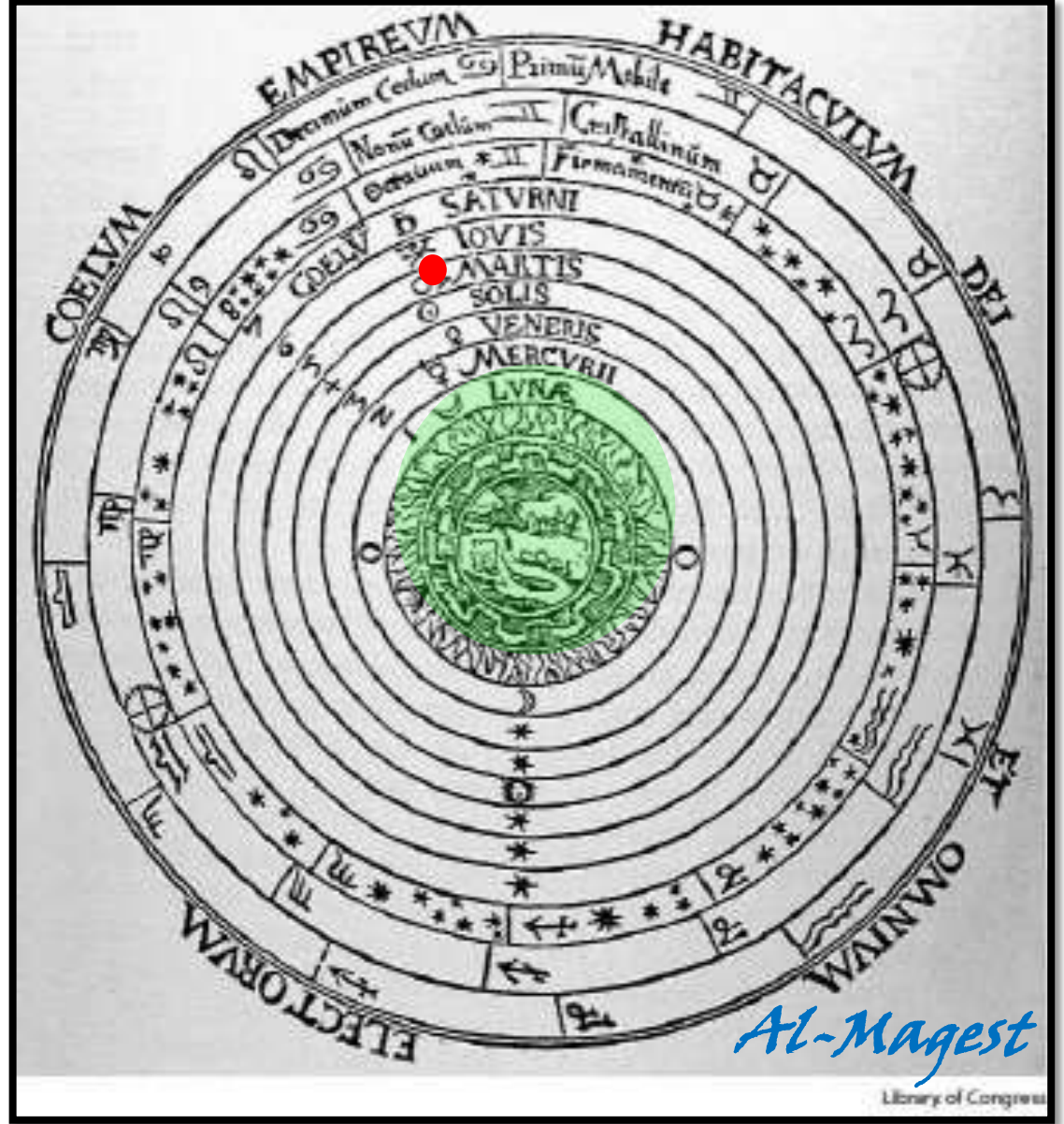
KLASİK DÖNEM FİLOZOFLARI



"7 KATLI EVREN" MODELİ



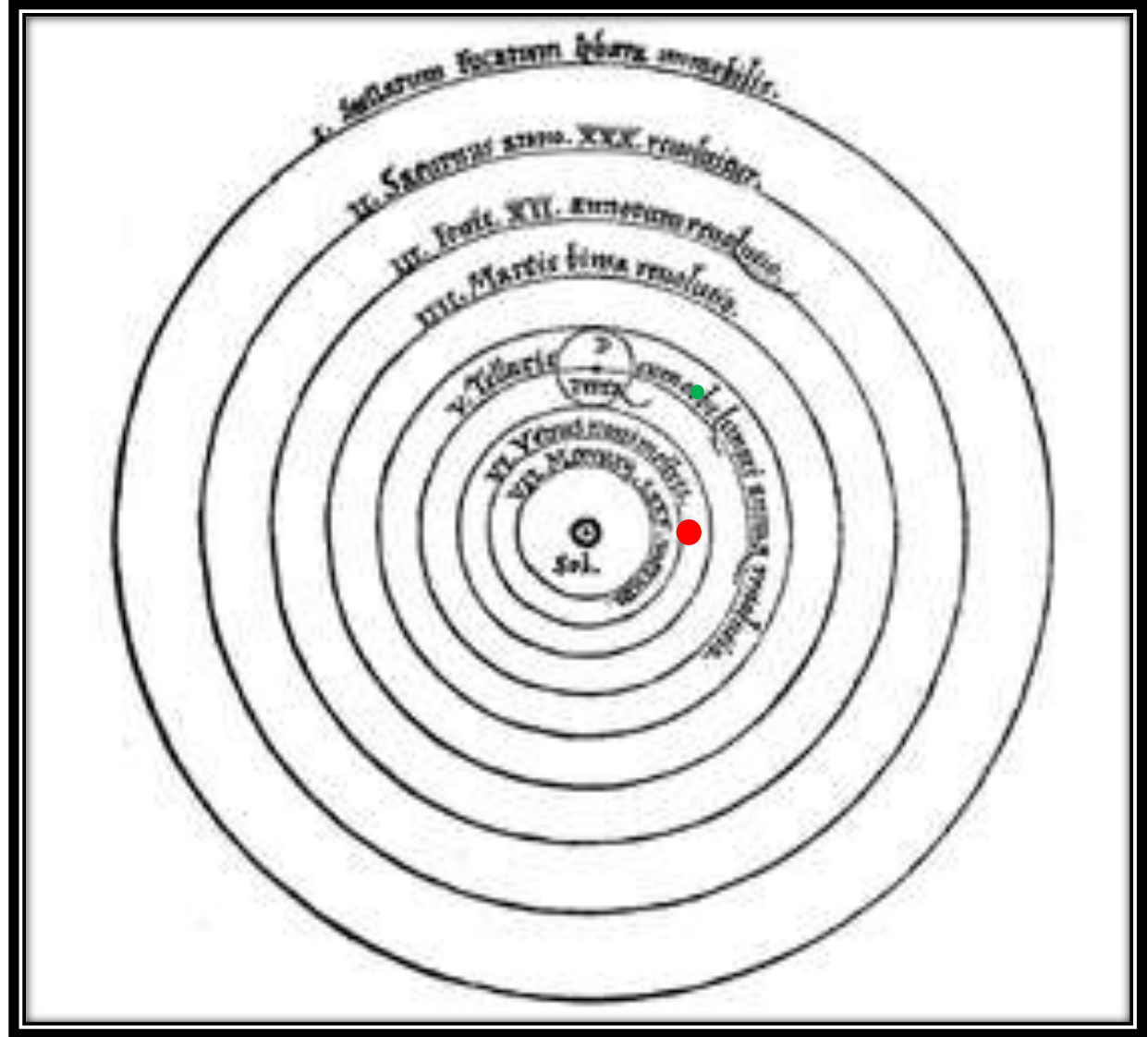
C. Ptolemeo (Batlamyus)
(MÖ 170-100)



GÜNEŞ MERKEZLİ "EVREN" MODELİ



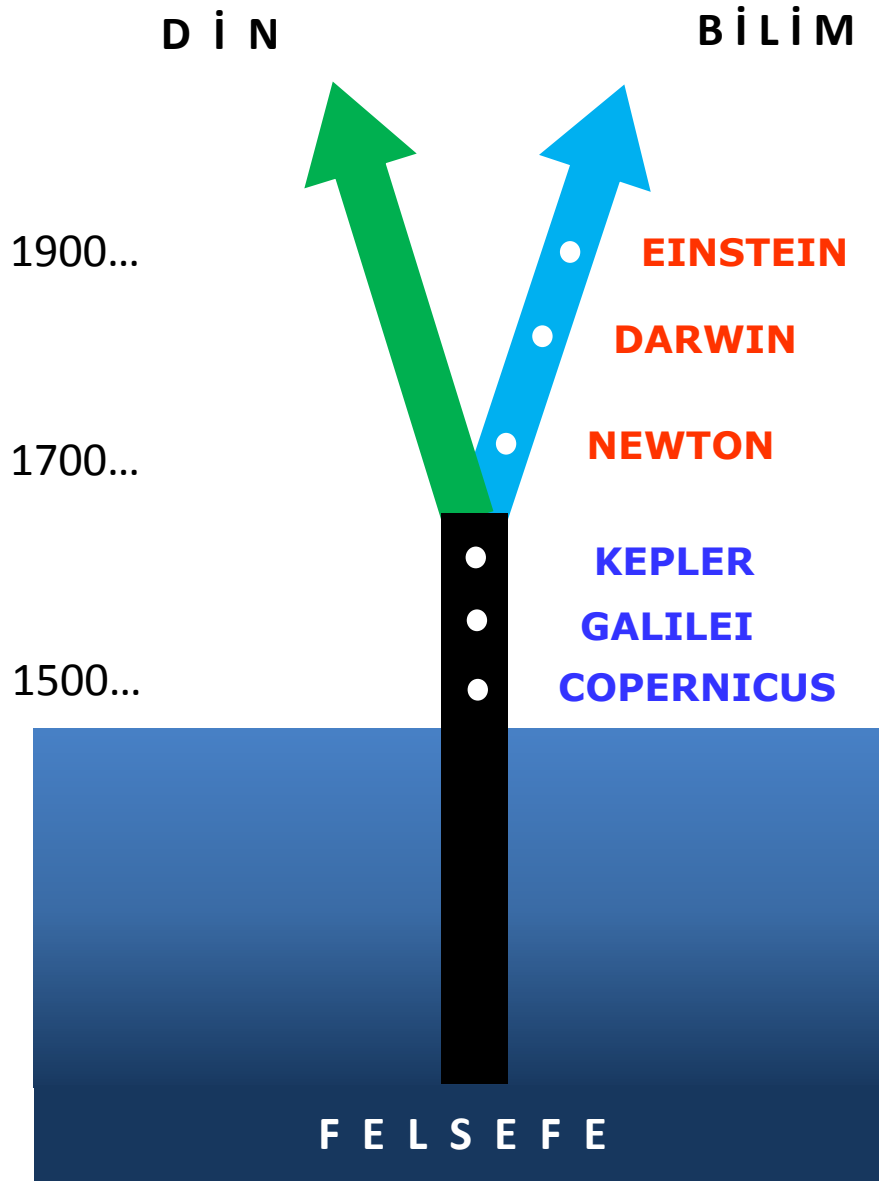
**Nicolaus Copernicus
(1473-1543)**



De revolutionibus orbium coelestium

“...Biz daima gerçeđi arayan ve onu buldukça ve bulduđumuza kani oldukça ifadeye cüret gösteren adamlar olmalıyız...”

Mustafa Kemal ATATÜRK



φιλοσ + σοφία

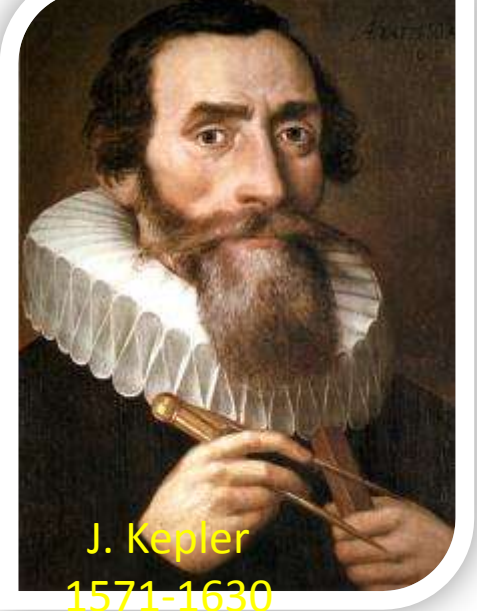
sevgi gerçek, bilgelik



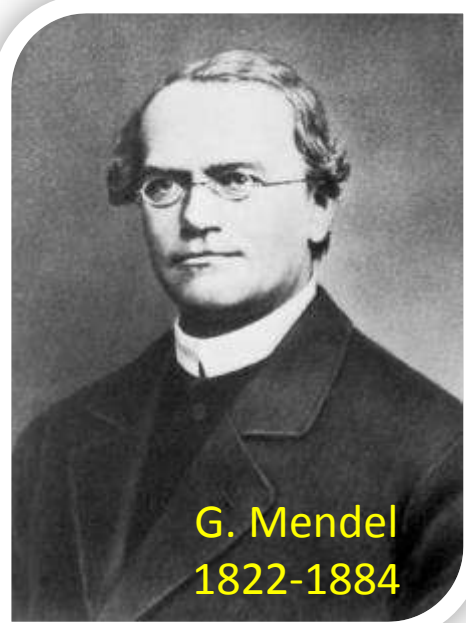
N. Copernicus
1473-1543



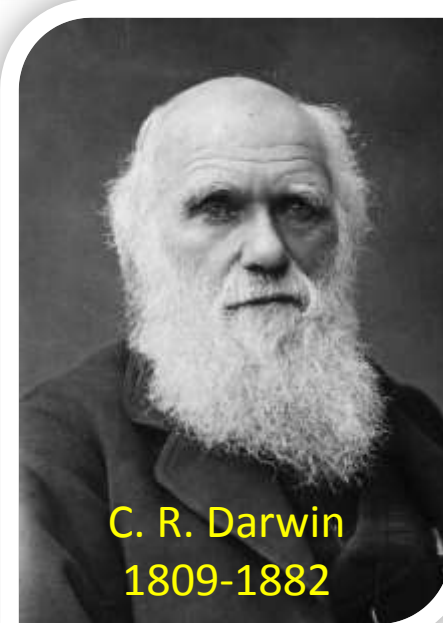
G. Galilei
1564-1642



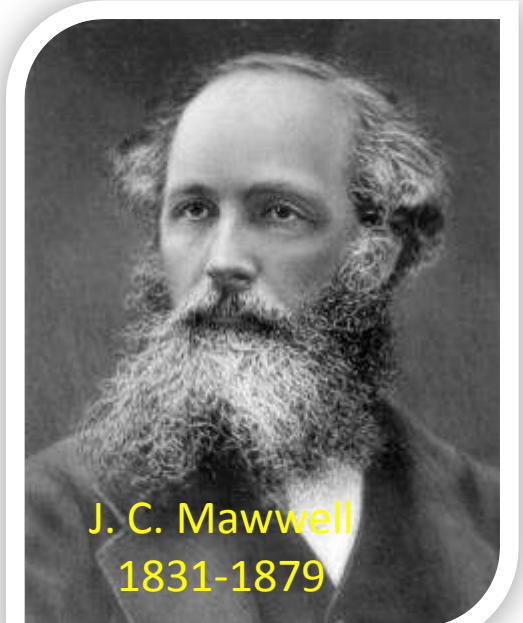
J. Kepler
1571-1630




G. Mendel
1822-1884



C. R. Darwin
1809-1882



J. C. Maxwell
1831-1879



*...Ben yanmasam,
Sen yanmasan,
Biz yanmasak,
Nasıl çıkar karanlıklar
aydınlığa?...*

Nazım Hikmet

Giordano Bruno 1548 - 1600



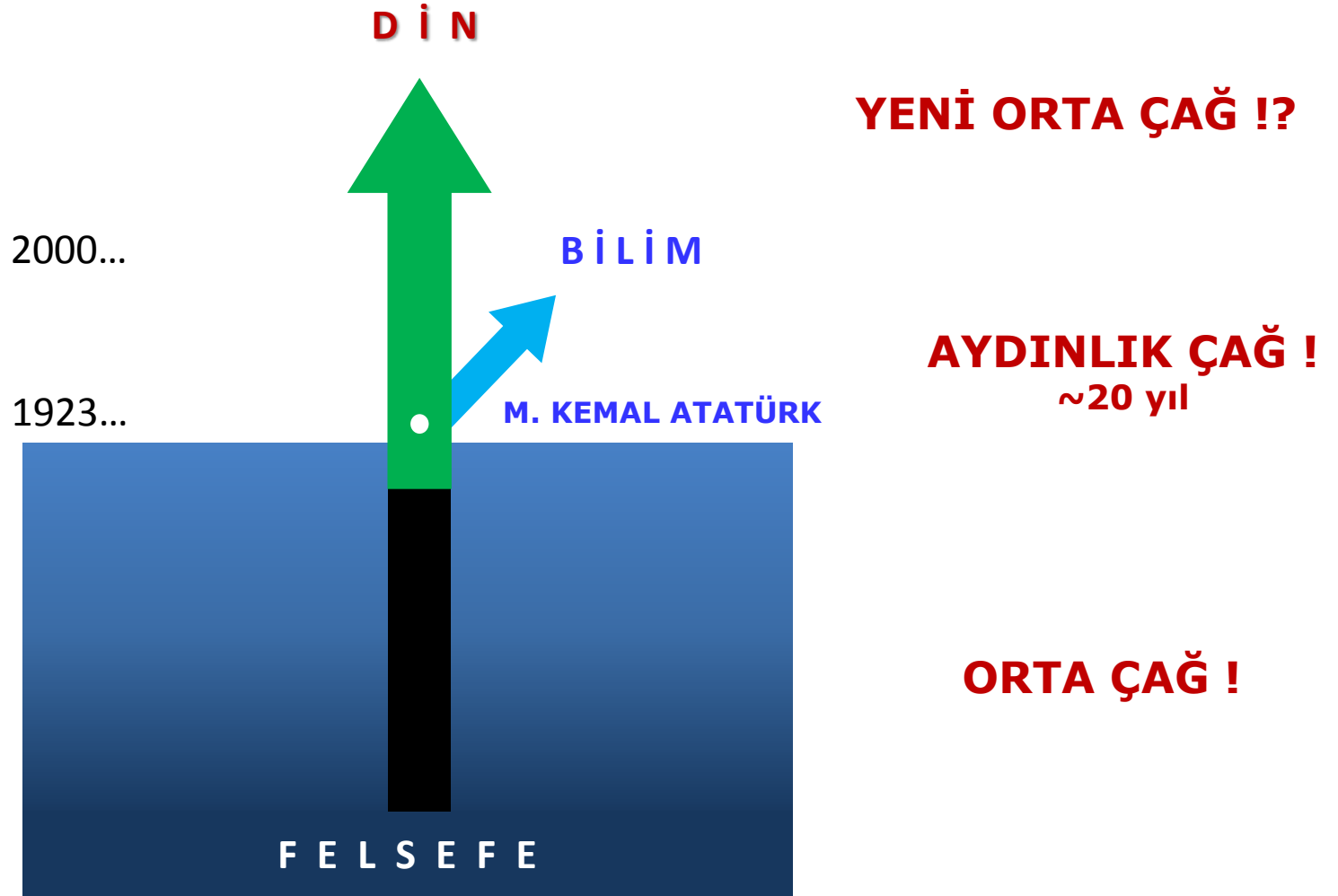
Sokrates 469 - 399



Hipatya 370-415

MORT DE LA PHILOSOPHE HYPATIE. A ALEXANDRIE

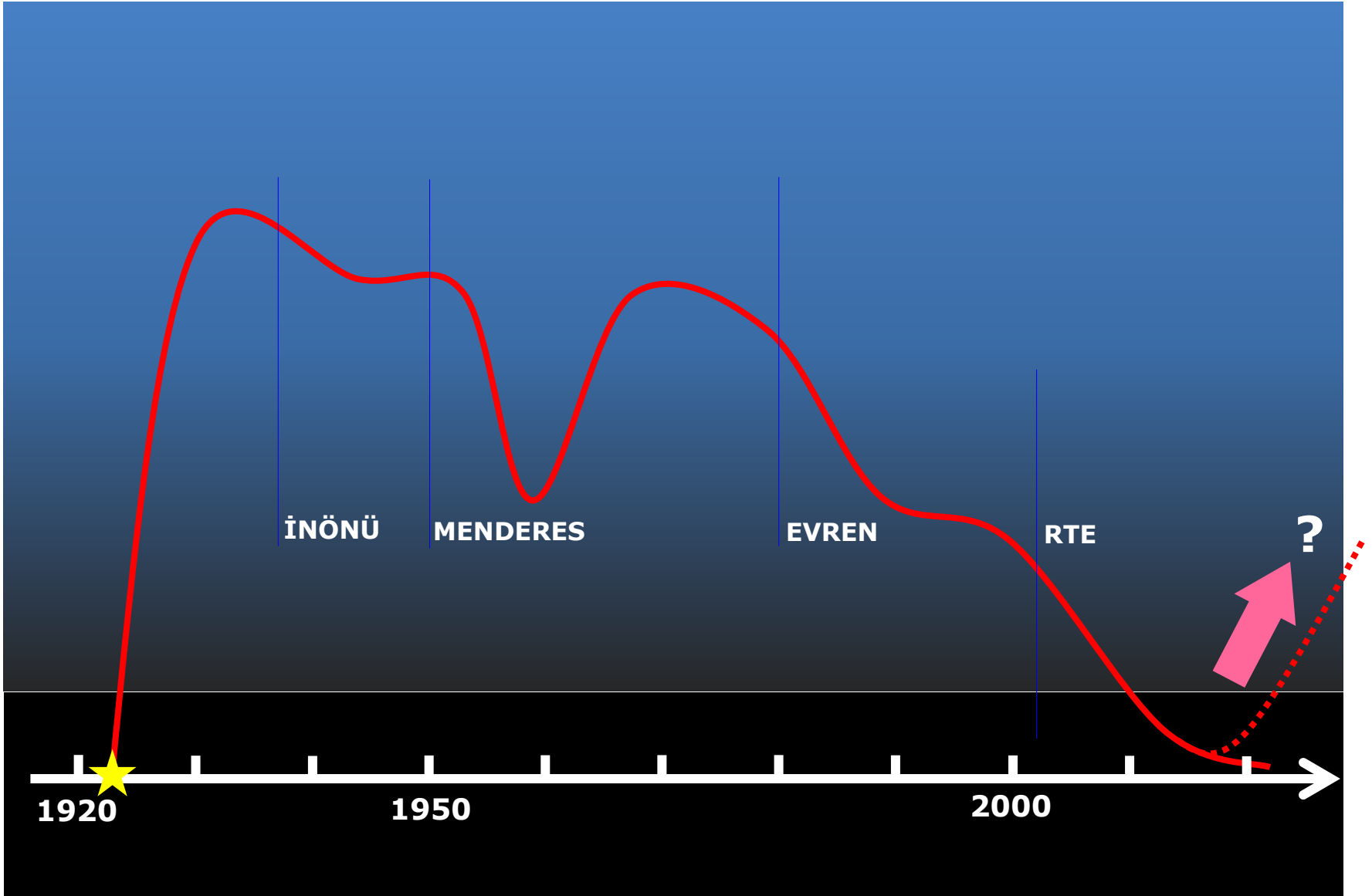
TÜRKİYE'DE ÇAĞ DEĞİŞİMİ



φιλοσ + σοφία

sevgi gerçek, bilgelik

TÜRKİYE'DE LAİK DEVLET YAPISI



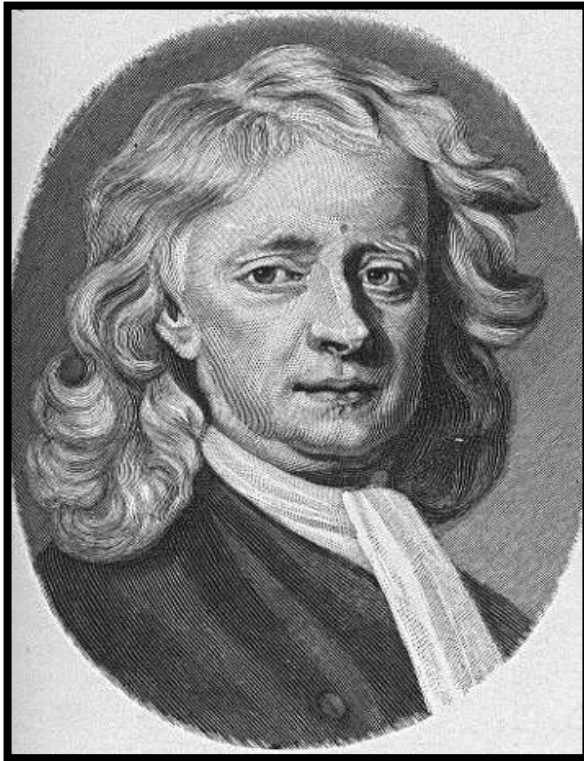
“...Hayatta en hakiki mürşid ilimdir...”

Mustafa Kemal ATATÜRK

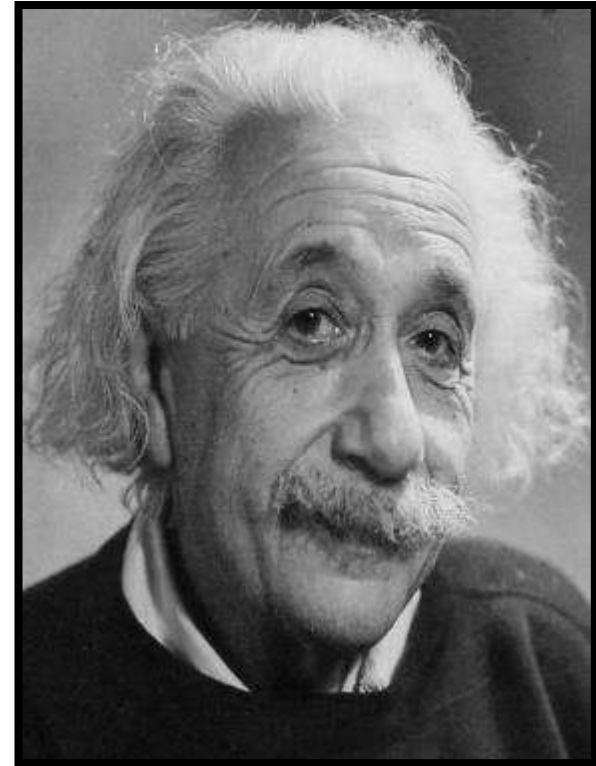
$$K = m \cdot a$$

$$E = m \cdot c^2$$

m ?



Isaac NEWTON (1642-1727)



Albert EINSTEIN (1879-1955)

$$E_k = mv^2/2$$

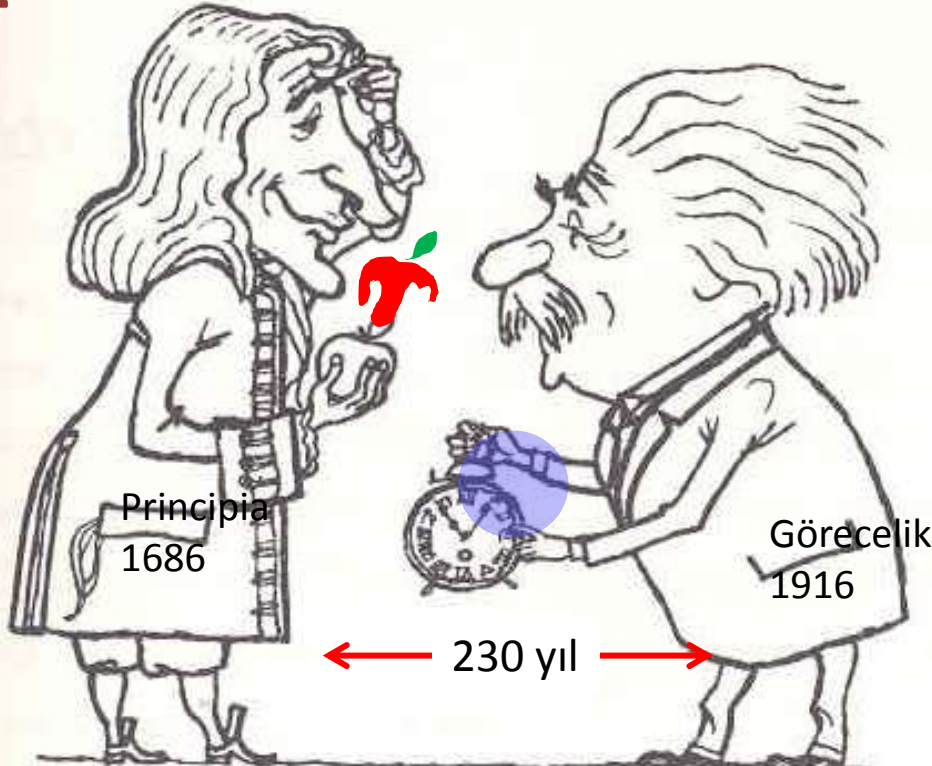
$$E_k = mc^2 \left[\frac{1}{\sqrt{1-(v/c)^2}} - 1 \right]$$

$$E_k = mc^2 \left[1 + \frac{1}{2}(v/c)^2 + \frac{3}{8}(v/c)^4 + \frac{15}{48}(v/c)^6 + \dots \right] - mc^2$$

$v \ll c$

$$E_k \approx mv^2/2$$

0,000 000 005 hata ile aynı !



“... BENİM **DİNİM** EVRENE OLAN HAYRANLIĞIMDIR;

İBADETİM DE ONU ARAŞTIRMAKTIR...” A.E.

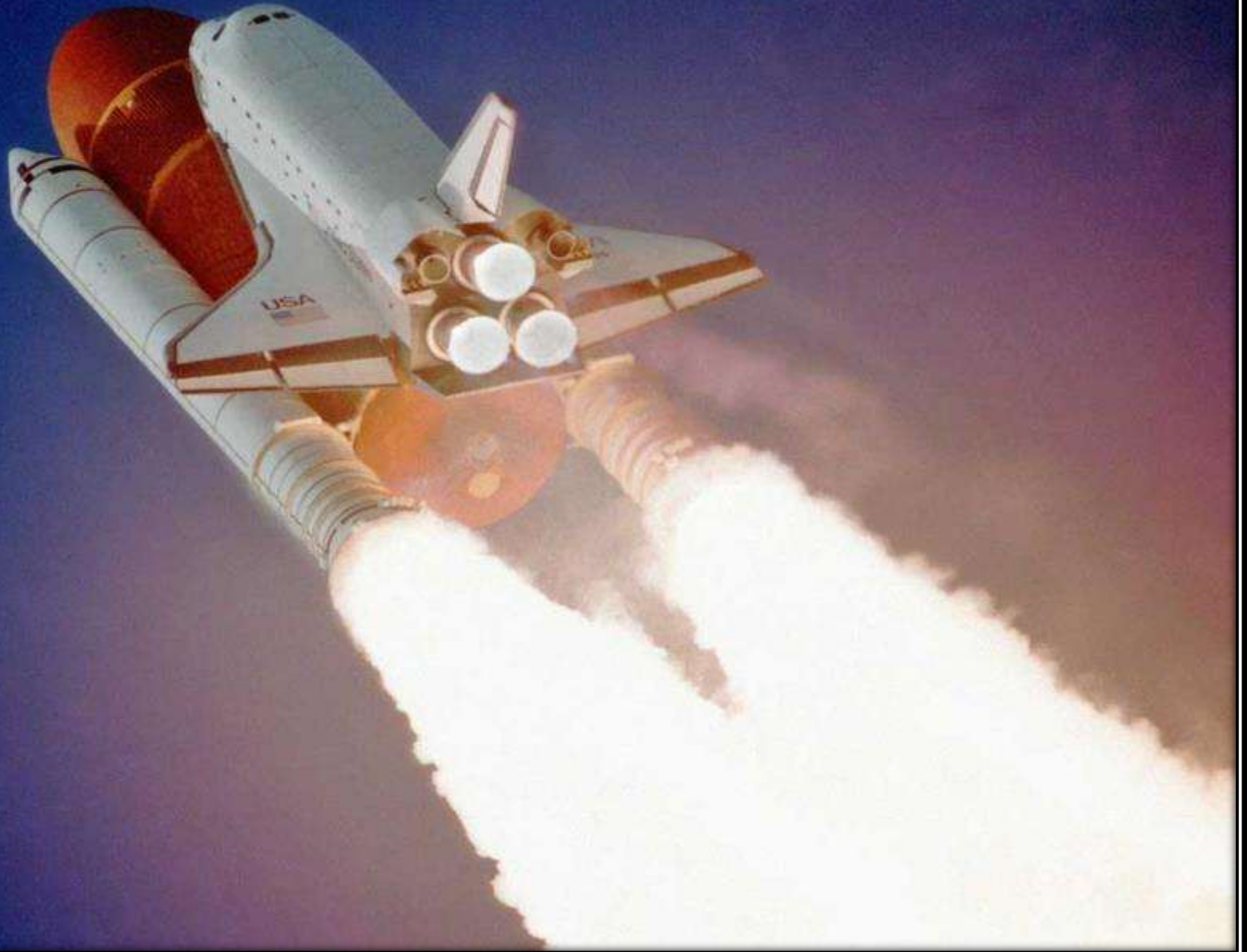


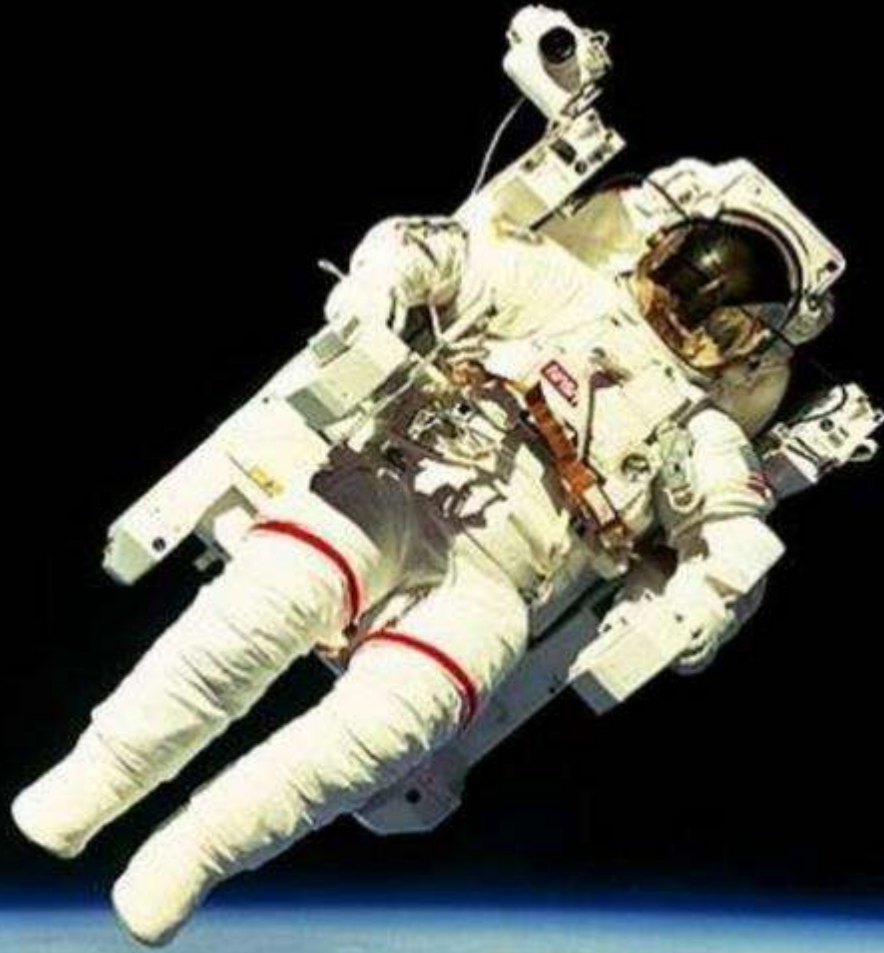
SOLVAY CONFERENCE 1927

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A. PICARD E. HENRIOT P. EHRENFEST Ed. HERSEN Th. DE DONDER E. SCHRÖDINGER E. VERSCHAFFELT W. PAULI W. HEISENBERG R.H FOWLER L. BRILLOUIN
P. DEBYE M. KNUDSEN W.L. BRAGG H.A. KRAMERS P.A.M. DIRAC A.H. COMPTON L. de BROGLIE M. BORN N. BOHR
I. LANGMUIR M. PLANCK Mme CURIE H.A. LORENTZ A. EINSTEIN P. LANGEVIN Ch.E. GUYE C.T.R. WILSON O.W. RICHARDSON

Absents : Sir W.H. BRAGG, H. DESLANDRES et E. VAN AUBEL





11.04.2015

BİLİMİN SAVUNMASI - A. ERCAN

24

Ay'ın ufkunda dünyamız !



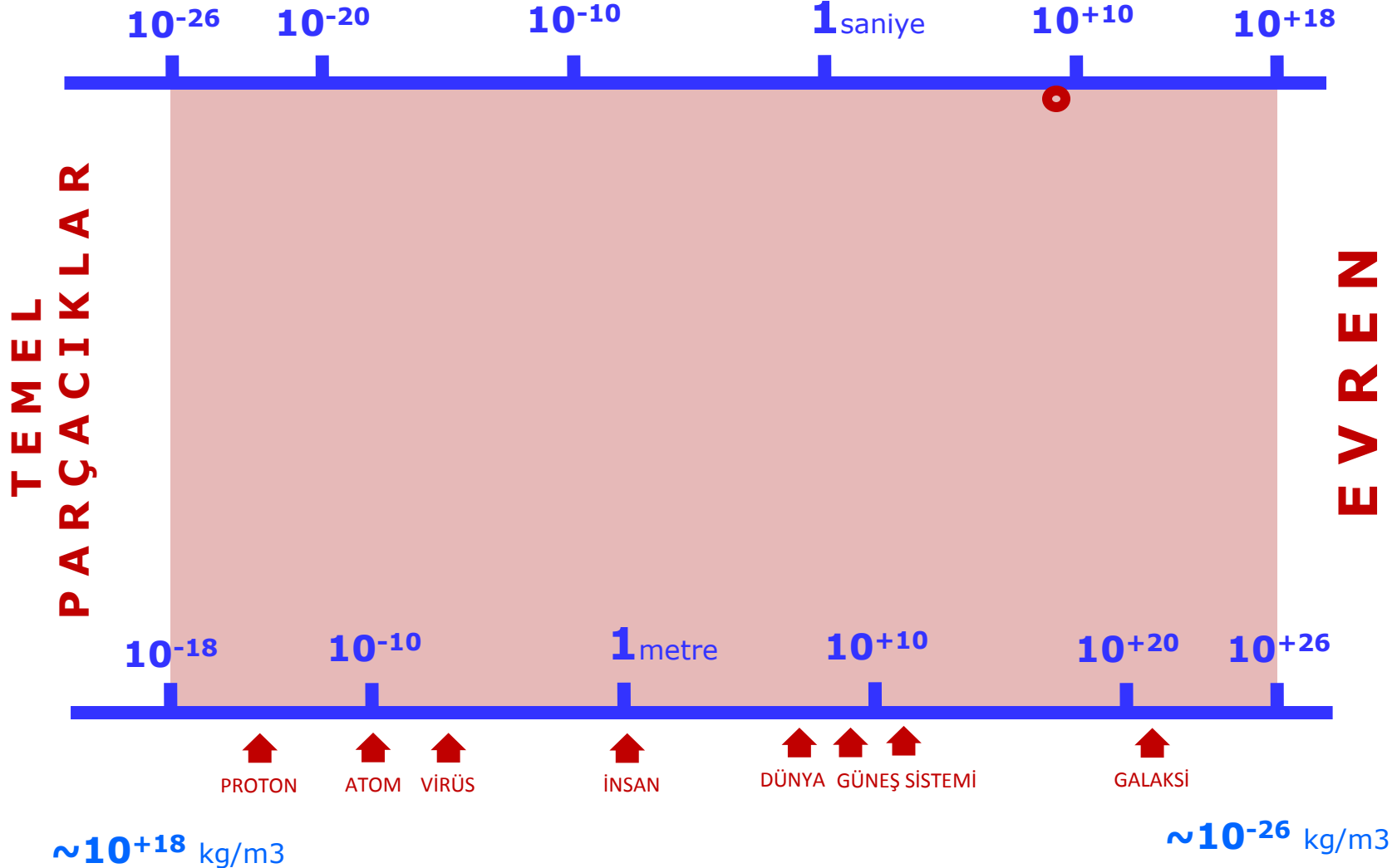


Uzay istasyonu

Hubble uzay teleskopu



44 MERTEBELİK BİLGİ ALANI



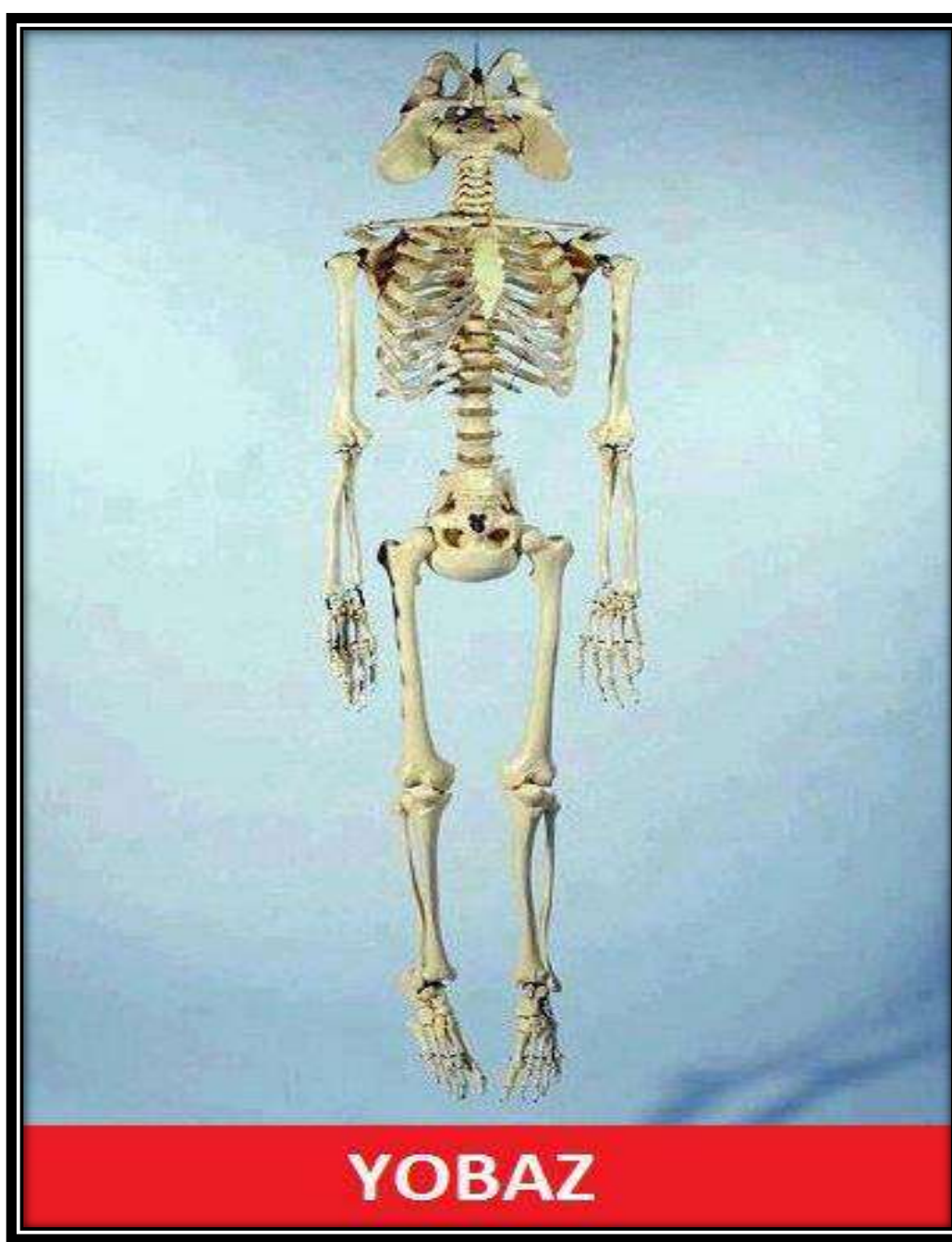
“ Evrim gerek midir? ”

Ülkeler (%)	Evet	Hayır
-------------	------	-------

Japonya	80	8
İsve	80	10
Fransa	80	13
İngiltere	76	18
İspanya	73	16
Almanya	72	20
İtalya	70	20
...
ABD	40	40
Türkiye	20	60

New Scientist 2008

“Evrimi kavrayabilmek” de
Evrimsel gelişimin bir aşamasıdır. æ

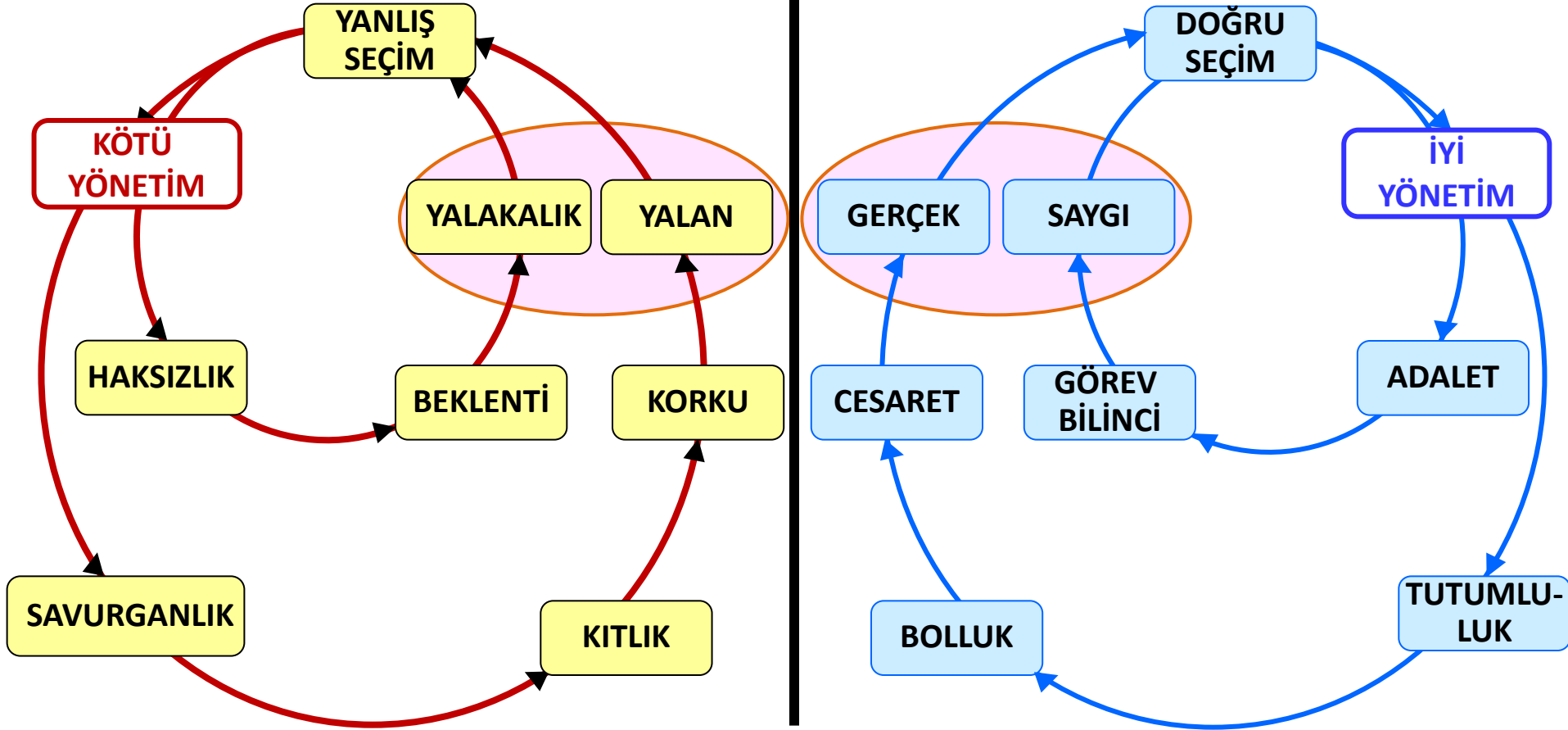


“Geri kalmıř Ülke” yoktur;
kötü yönetilen Ülke vardır...æ

SOSYO-EKONOMİK KISIR DÖNGÜ

GELİŞMİŞLİK

Bilim Referanslı toplumlar



TEŐEKKÜRLER ...

