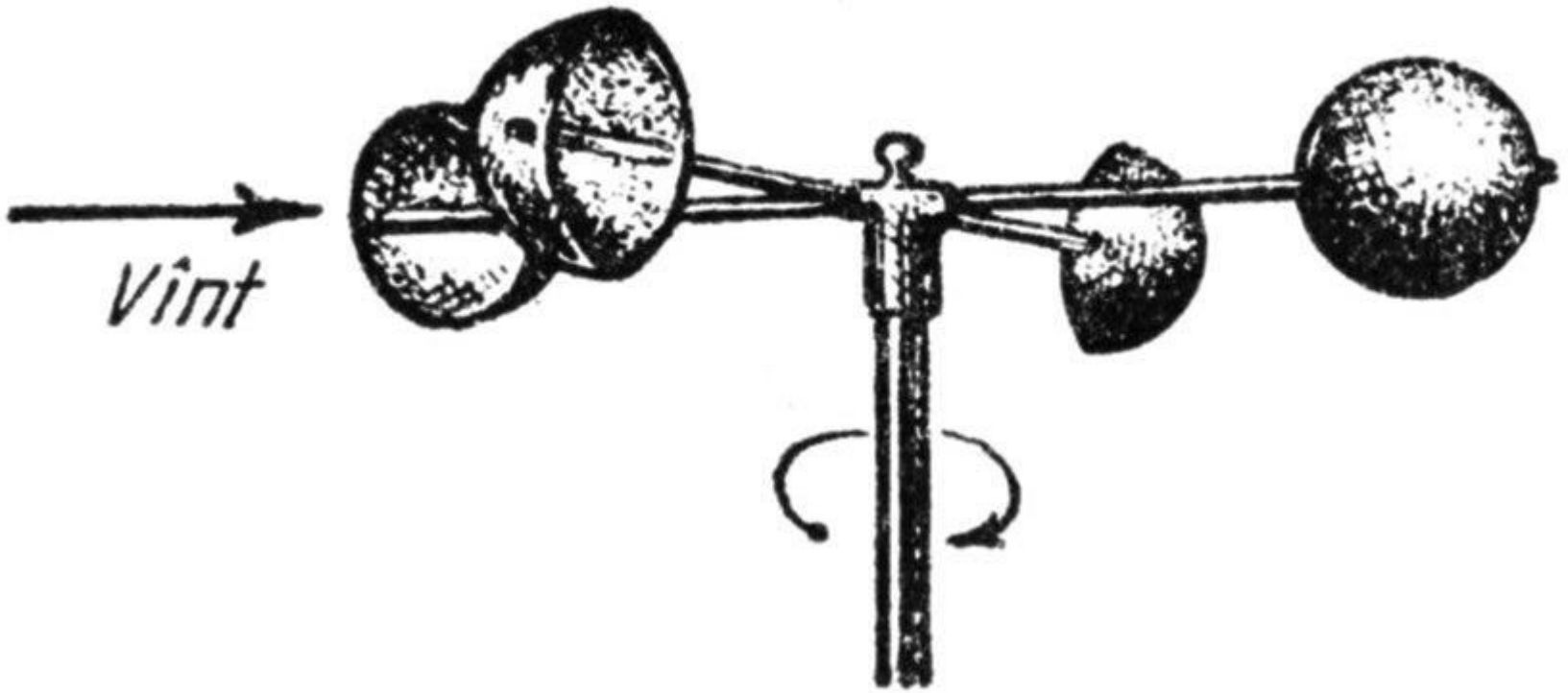
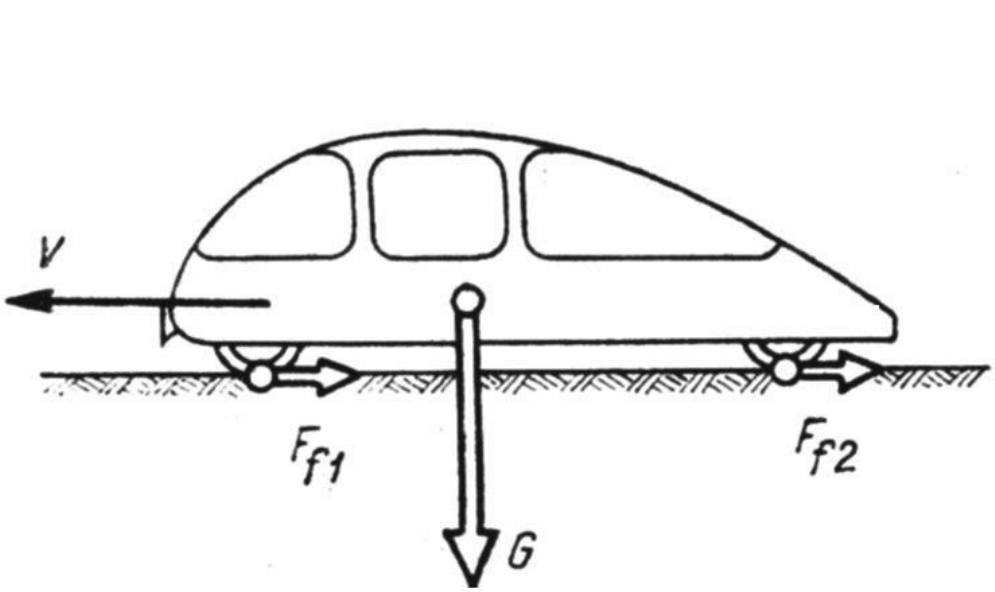
Experimente de fizica
lecţia a 3-a
Fluide

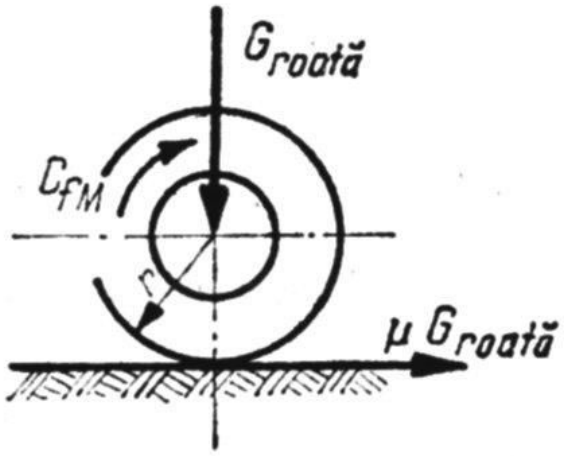
Mircea V. Rusu
Facultatea de fizica
Universitatea Bucureşti
2006

Aerodinamica

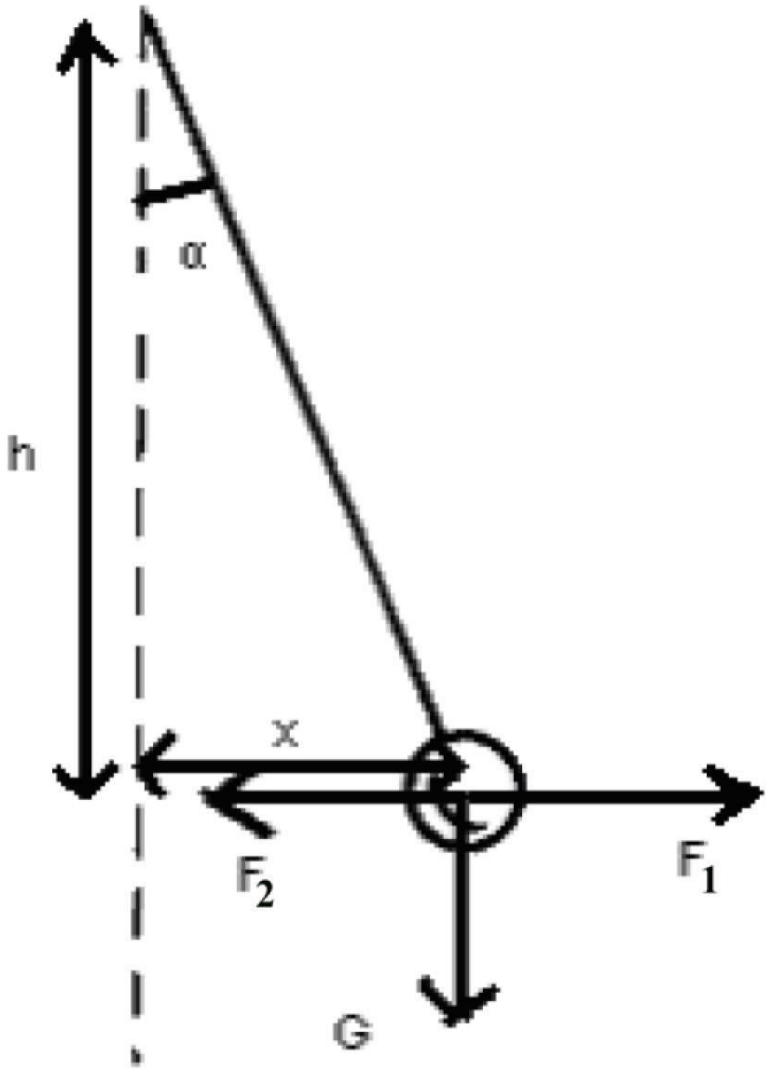


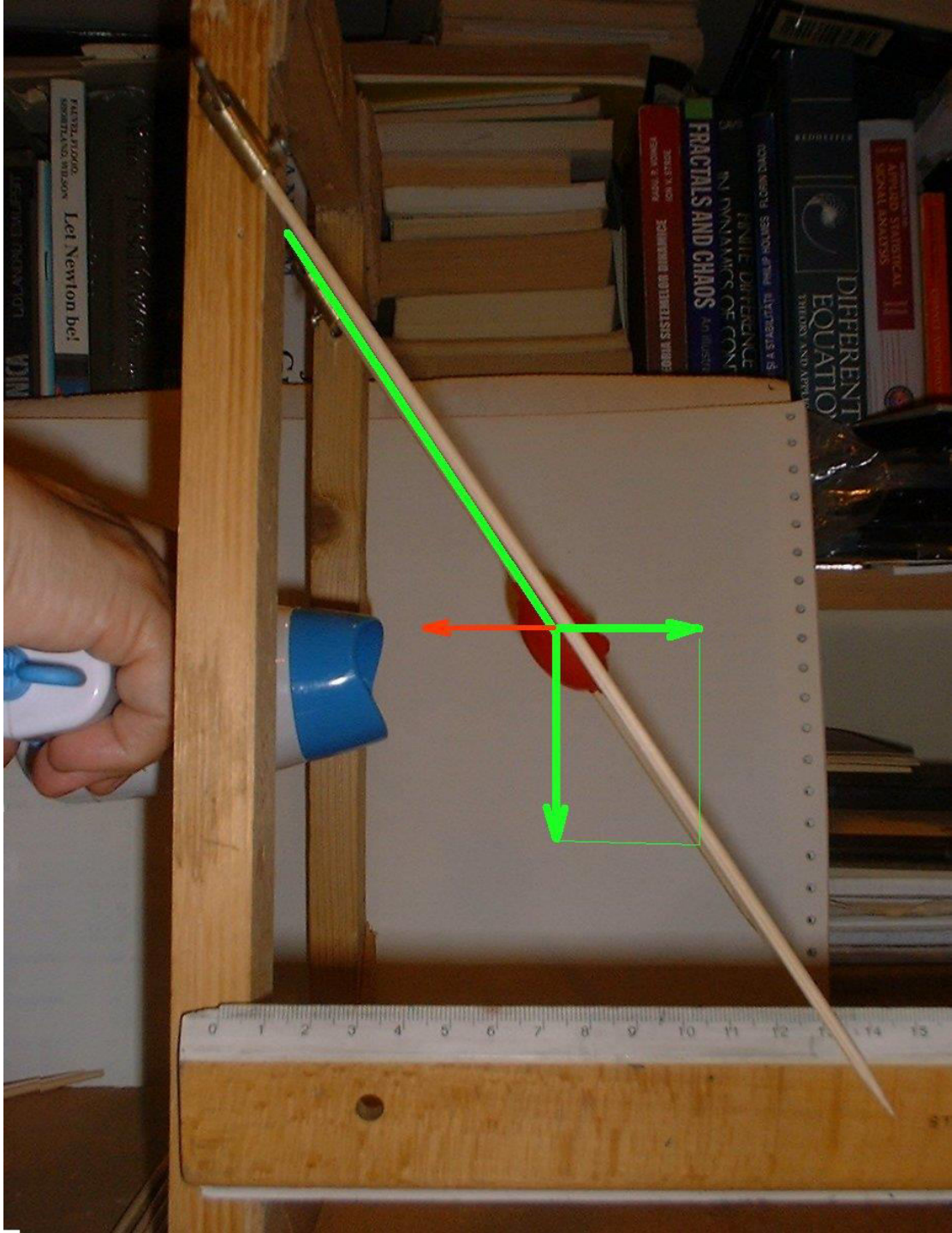
Dinamica mişcării automobilului



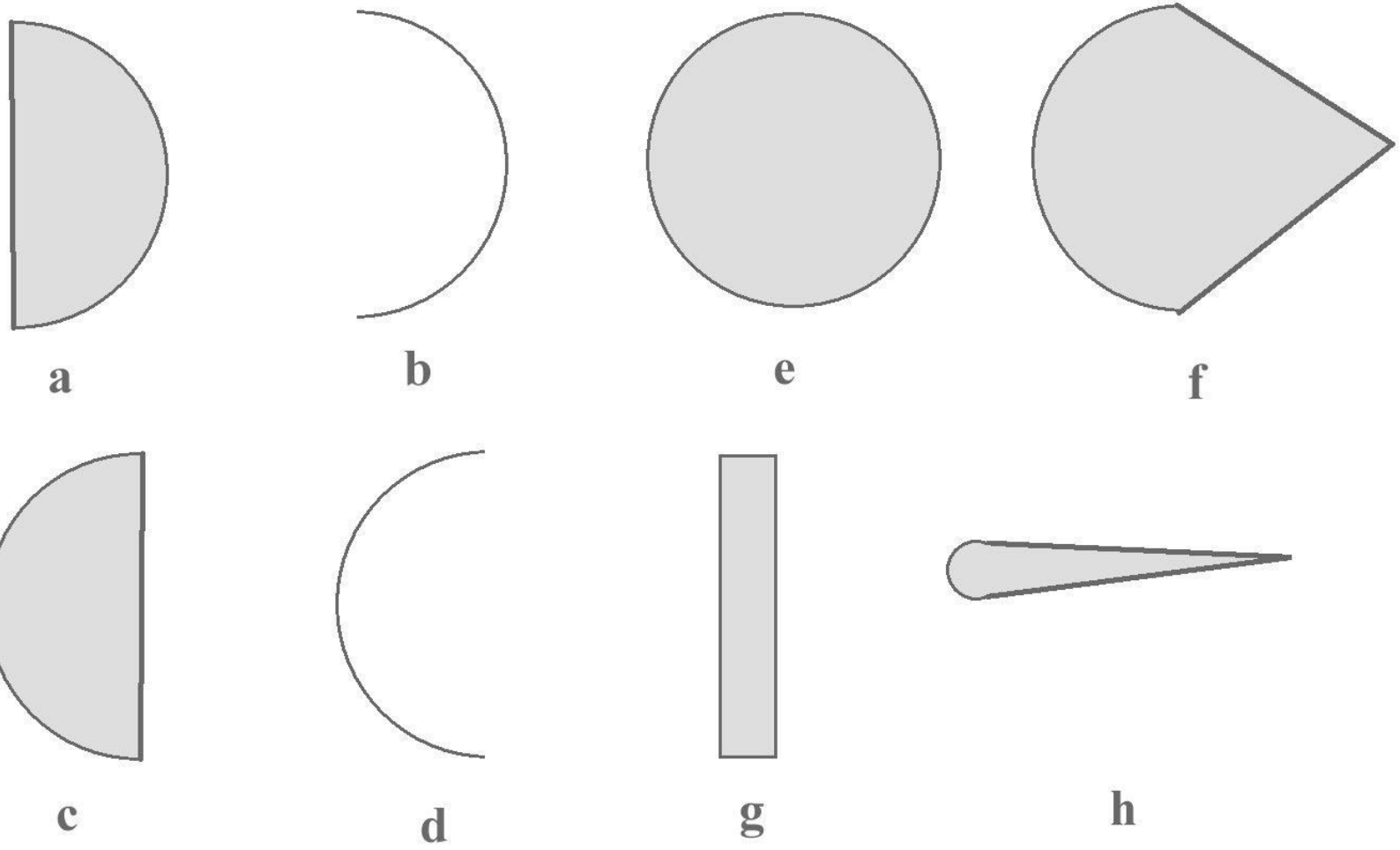


Forţe

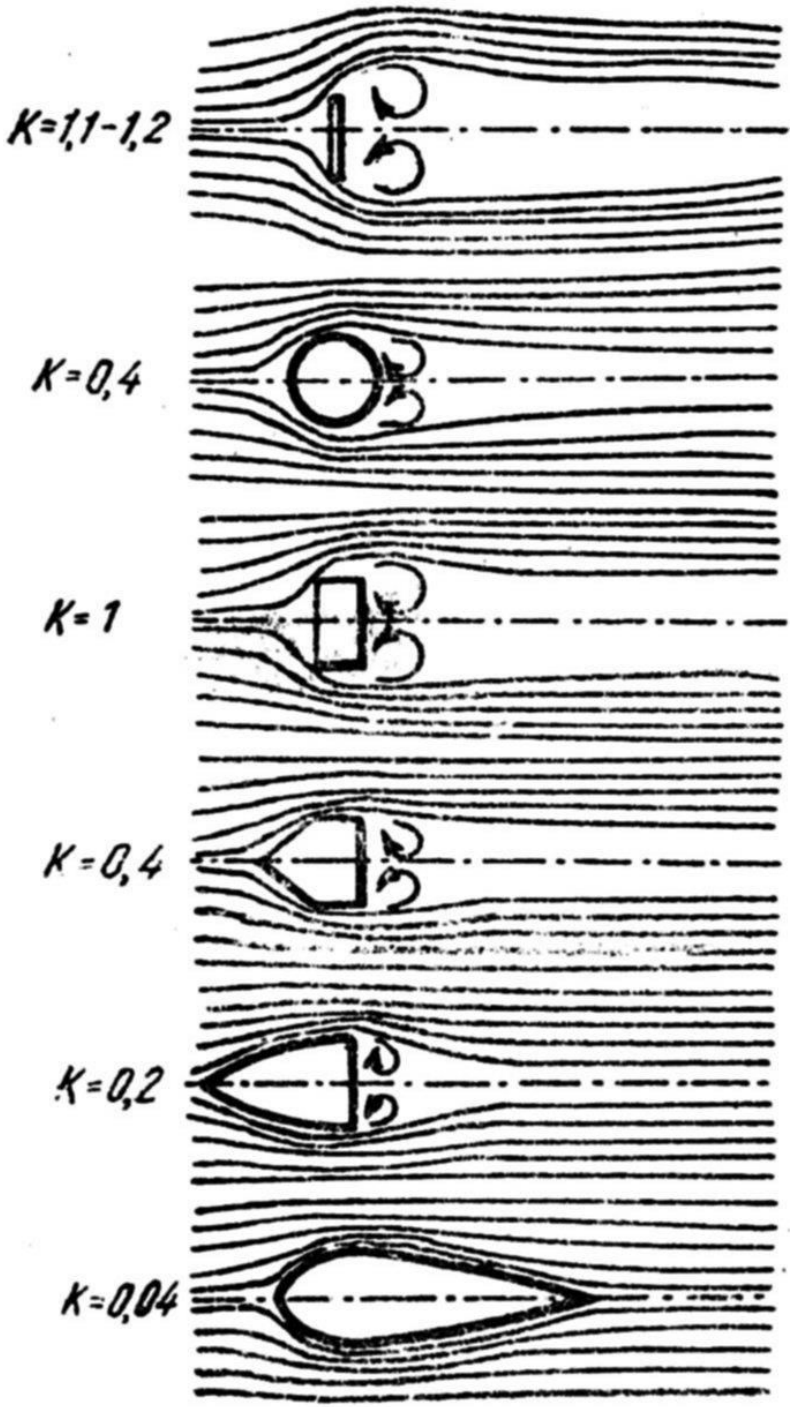

α
h
x
F2
F1
G

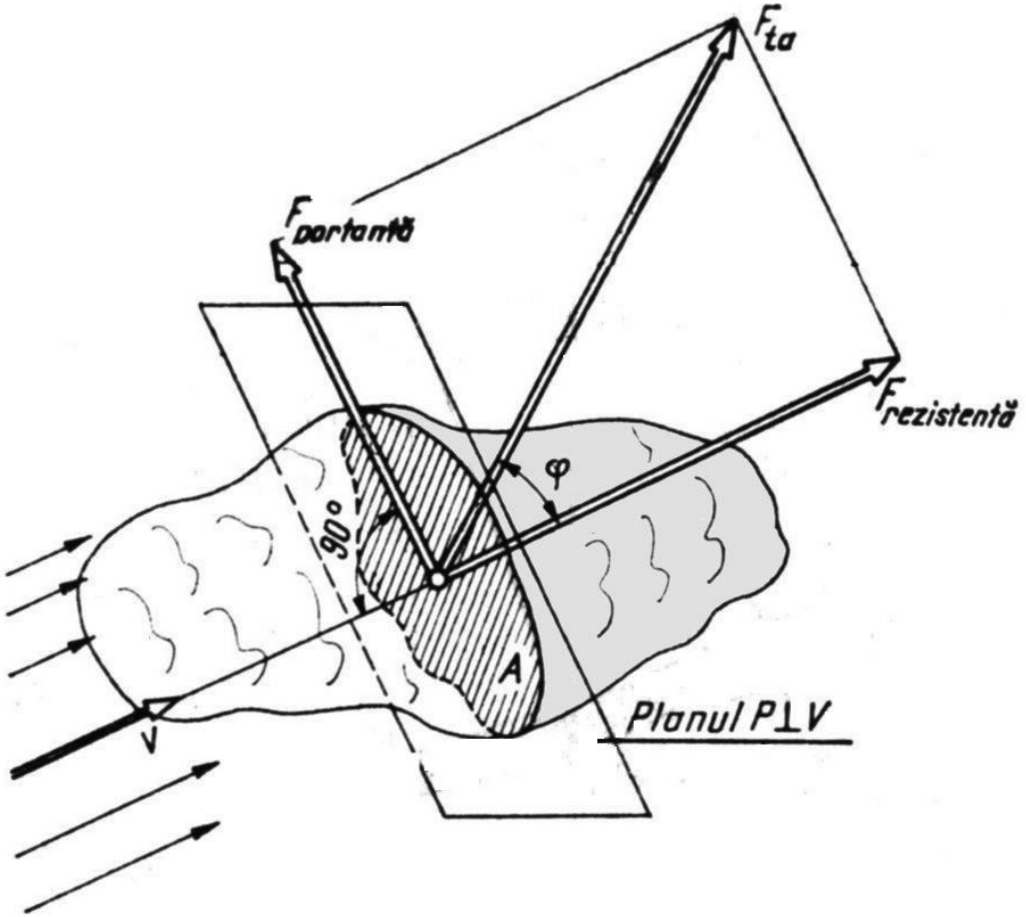

Let Newton be!
FRACTALS AND CHAOS
DIFFERENT EQUATIO

Forme care pot fi experimentate

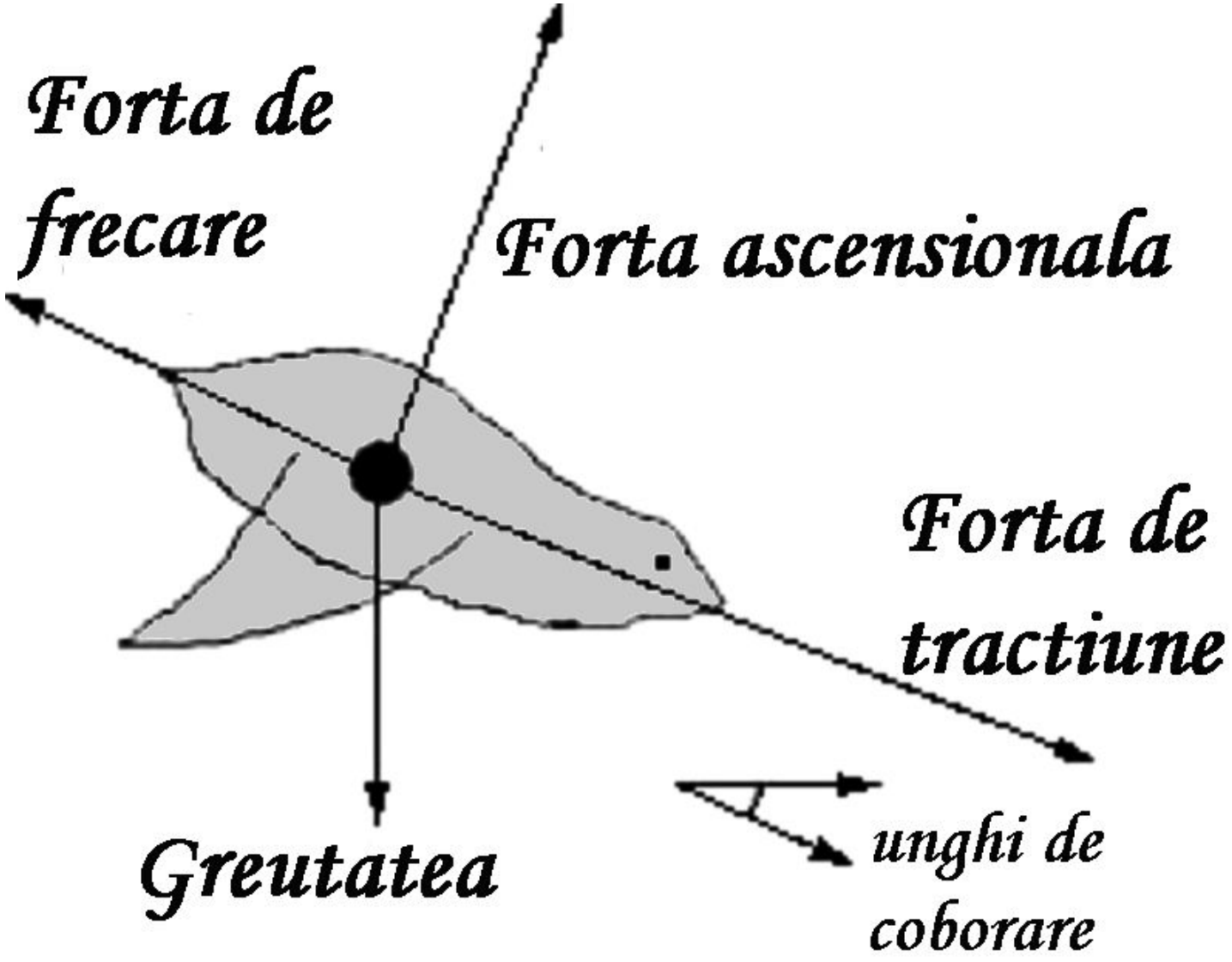


Frecarea


K=1,1-1,2
K=0,4
K=1
K=0,4
K=0,2
K=0,04


F ta
F portantă
F rezistentă
φ
90°
A
V
Planul P⊥V

Dinamica zborului



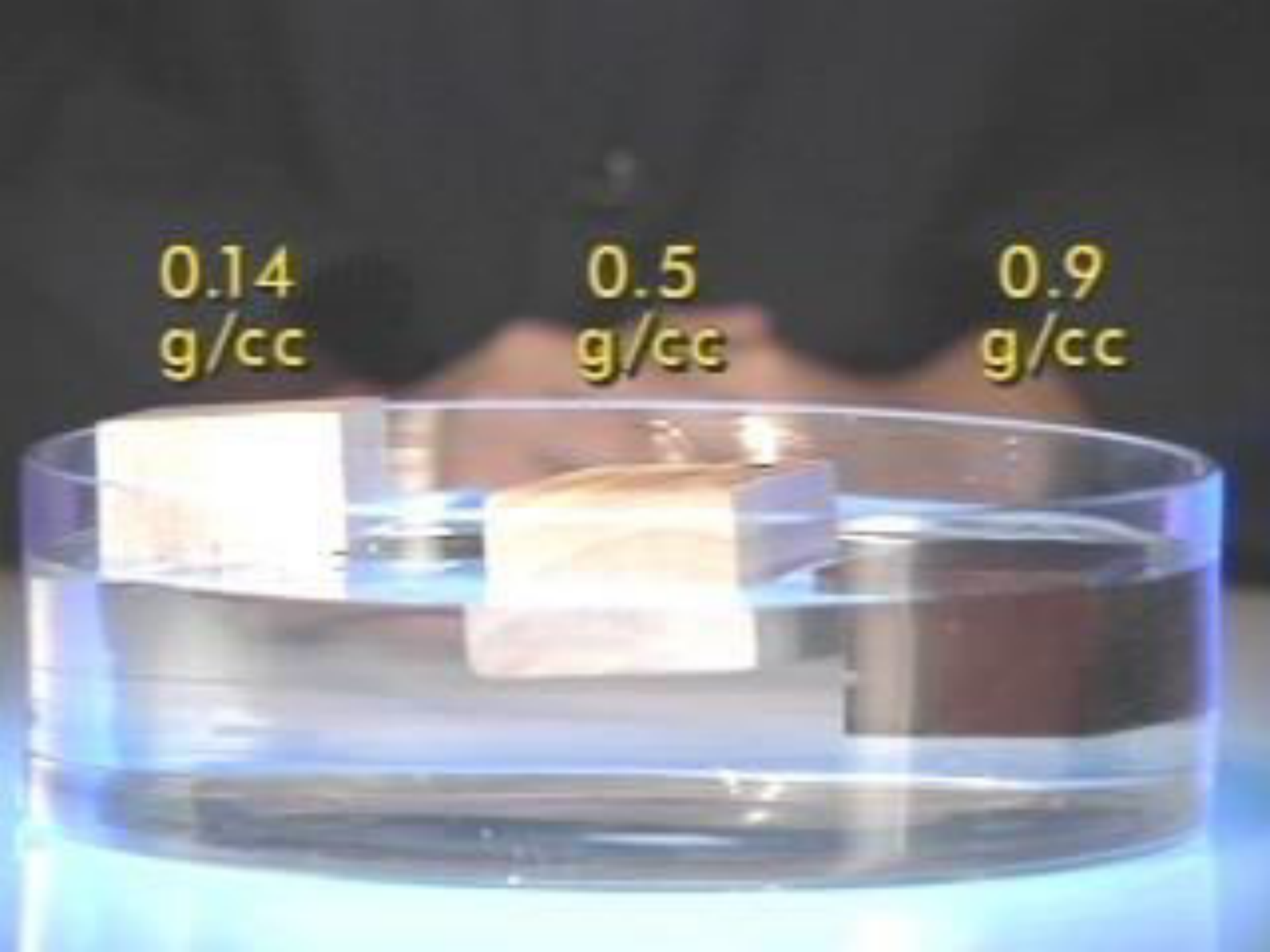


Racheta cu apa – Cluj 2004

Plutirea

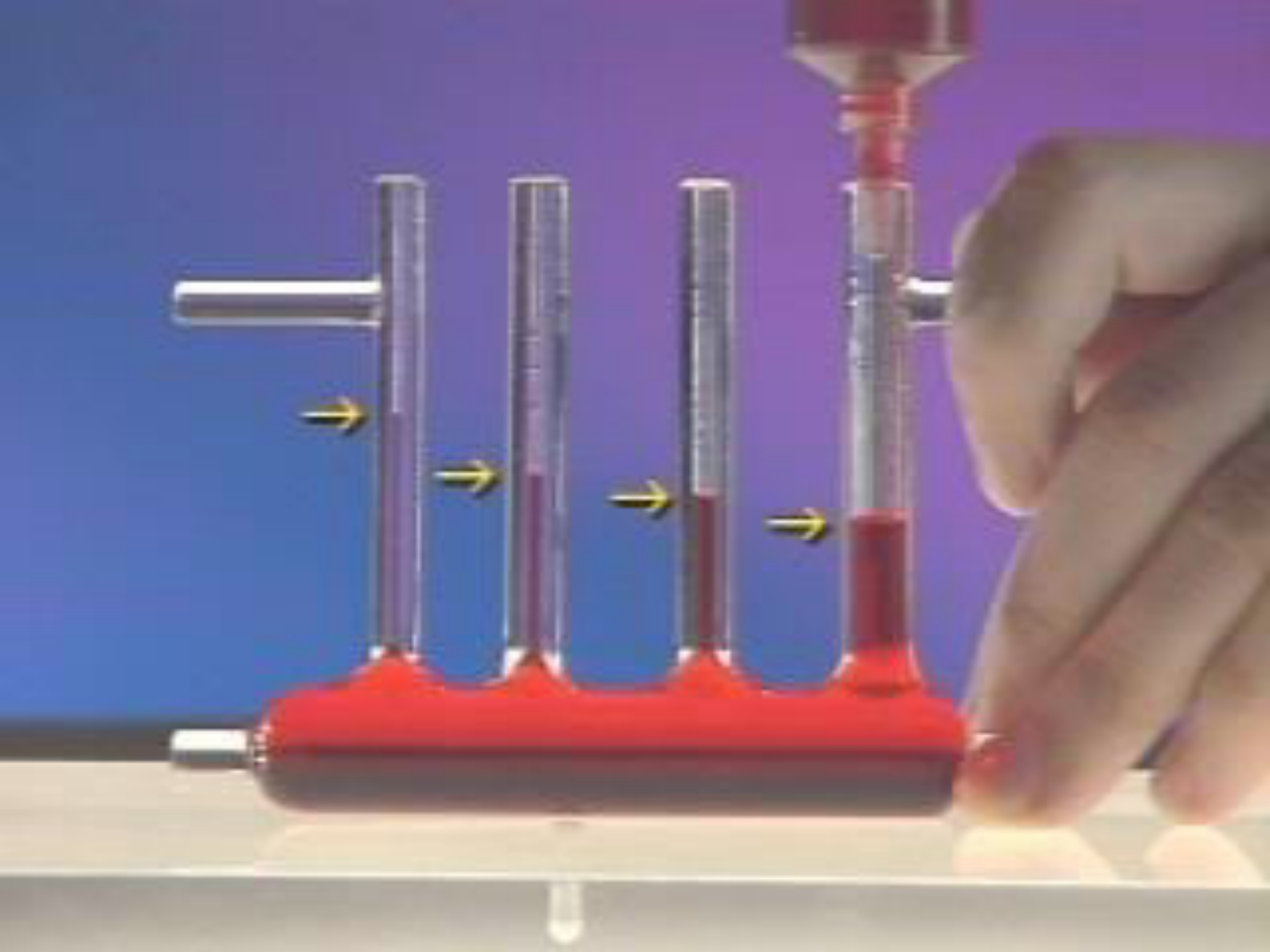

Luogo
Mar Morto
Profondità
Pelo dell'acqua
-409 m
Origine
Tettonica



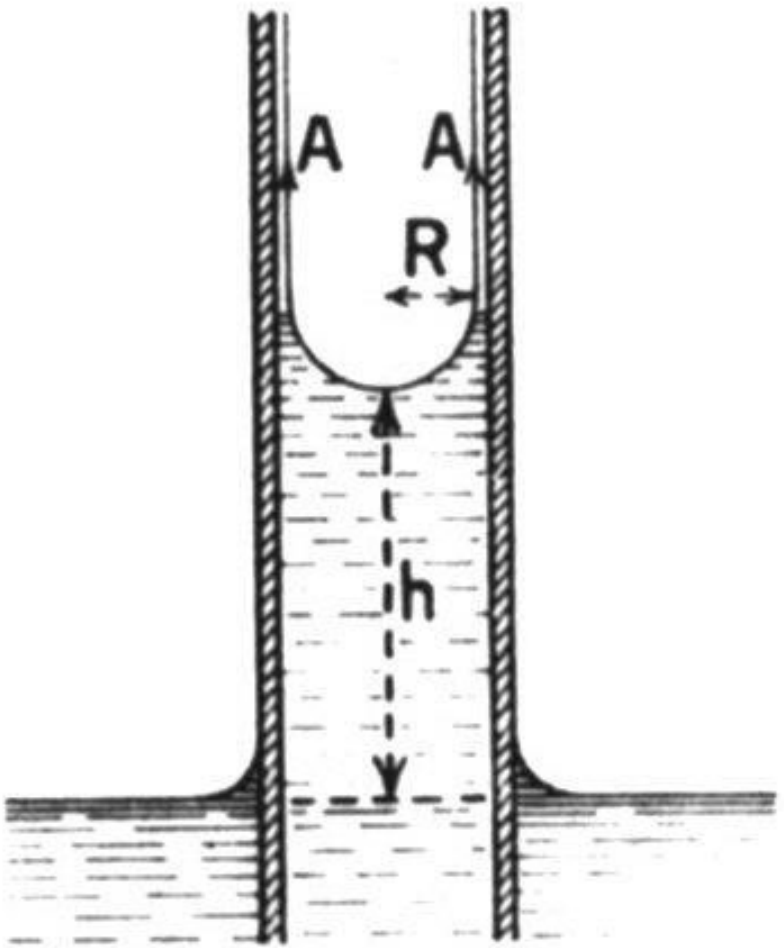

0.14
g/cc
0.5
g/cc
0.9
g/cc

Zeppelin





Meniscul



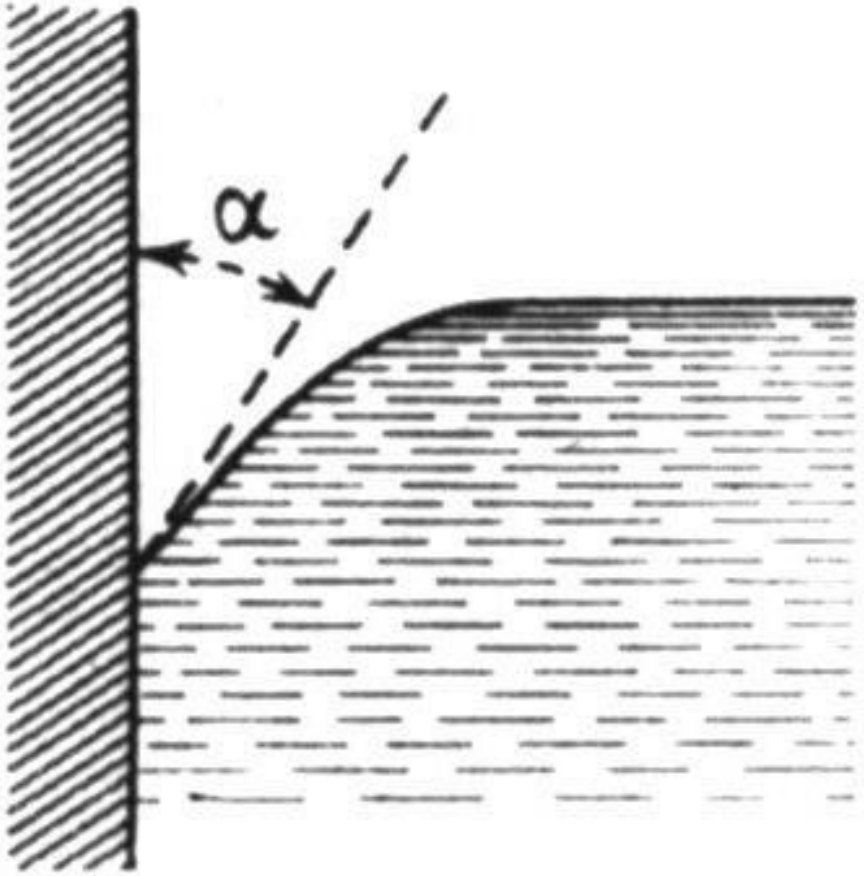


Foto - menisc

