



United Nations
Educational, Scientific and
Cultural Organization

Egyesült Nemzetek
Nevelésügyi, Tudományos és
Kulturális Szervezete

100th anniversary of Roland Eötvös
(1848-1919), physicist, geophysicist,
and innovator of higher education

Commemorated in association with UNESCO

Eötvös Loránd (1848-1919) fizikus,
geofizikus és a felsőoktatás
megújítójának 100. évfordulója

Az UNESCO-val közösen emlékezve



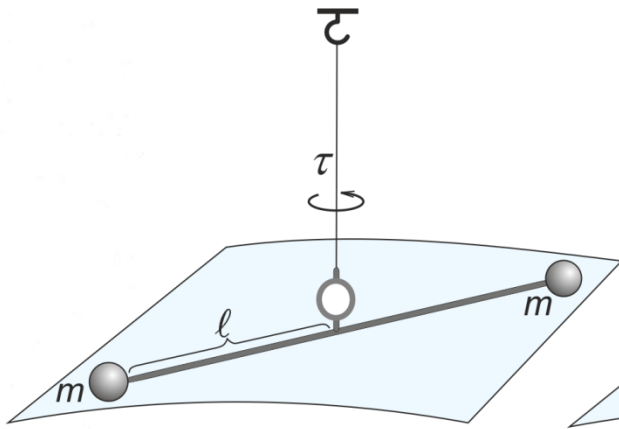
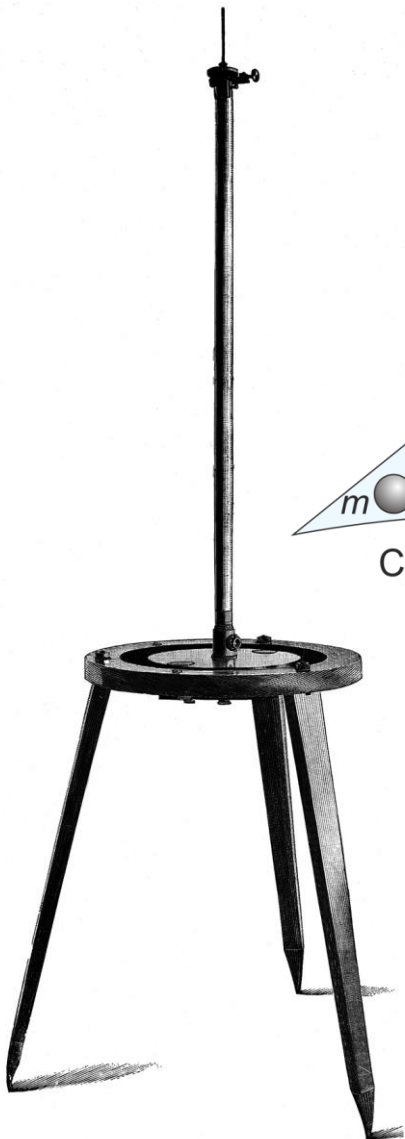
Lajos Völgyesi



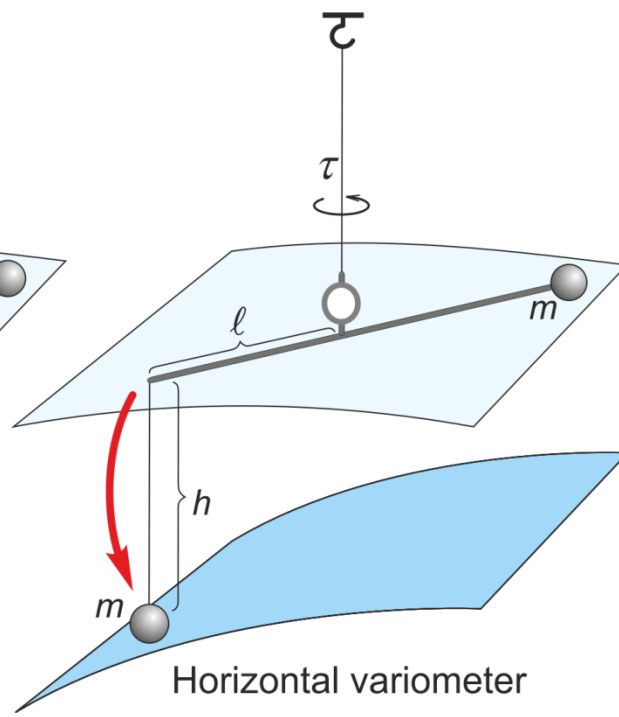
Original Torsion Balance in operation

AZ INGA
KIOLDVA!

MÉRÉS
A MŰSZERHEZ NEM
SZABAD HOZZAÉRNI!

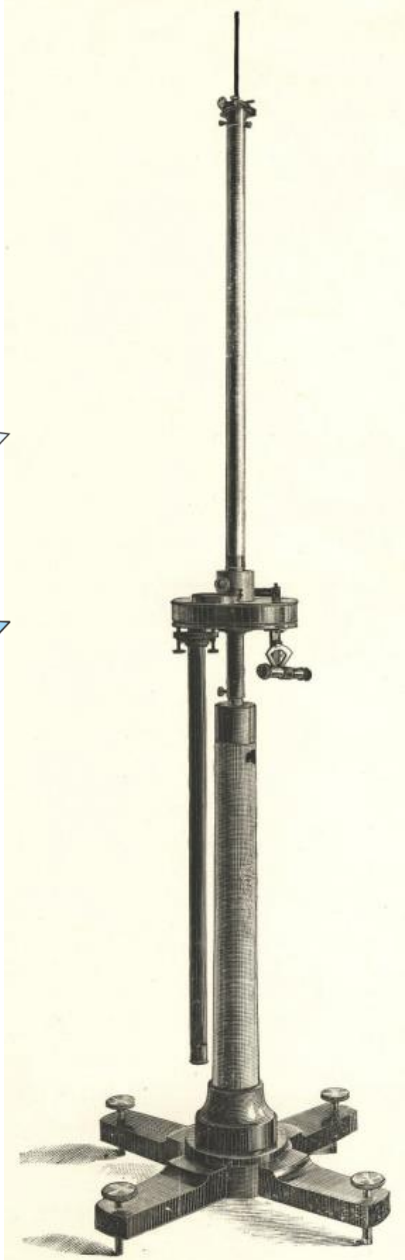


Curvature variometer



Horizontal variometer

The great invention of Eötvös was that he took one of the masses off the beam and suspended it with a thin wire in a deeper position.



Horizontal variometer
Eötvös (1890)

Curvature variometer
Eötvös (1890)

Torsion balances for field measurements



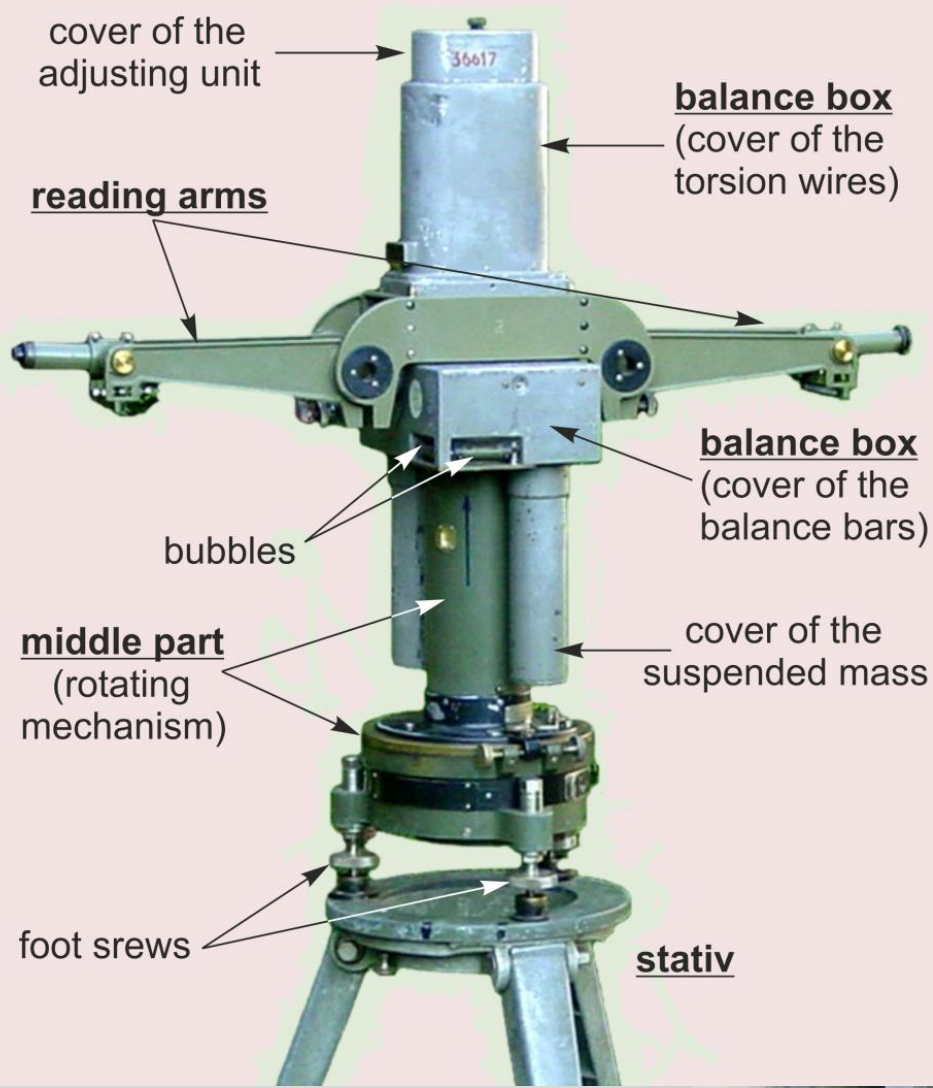
Eötvös-Pekár Balance
(*Small Double Balance*)
1926, 1928, 1930



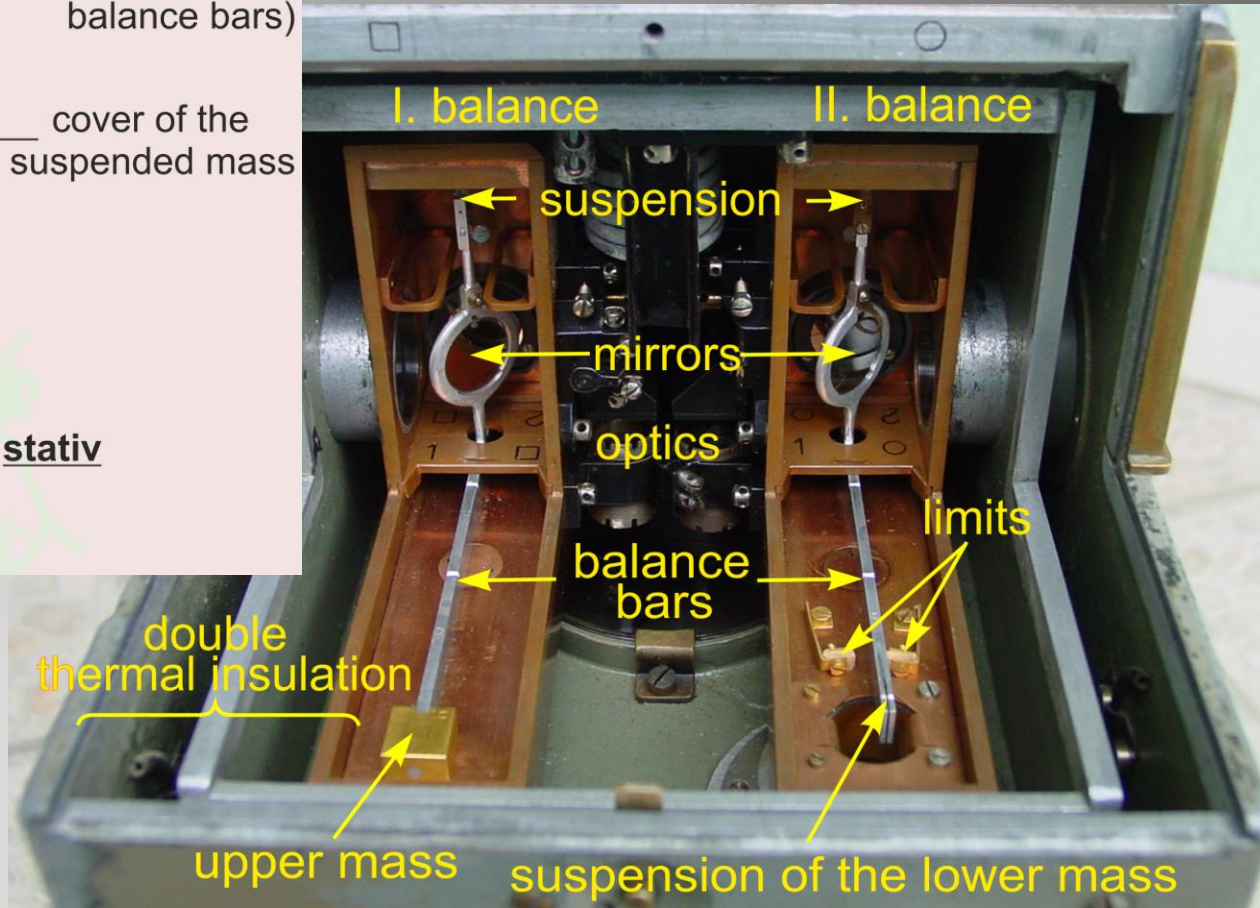
Eötvös-Rybár Balance
(*AutERBal Balance*) 1928

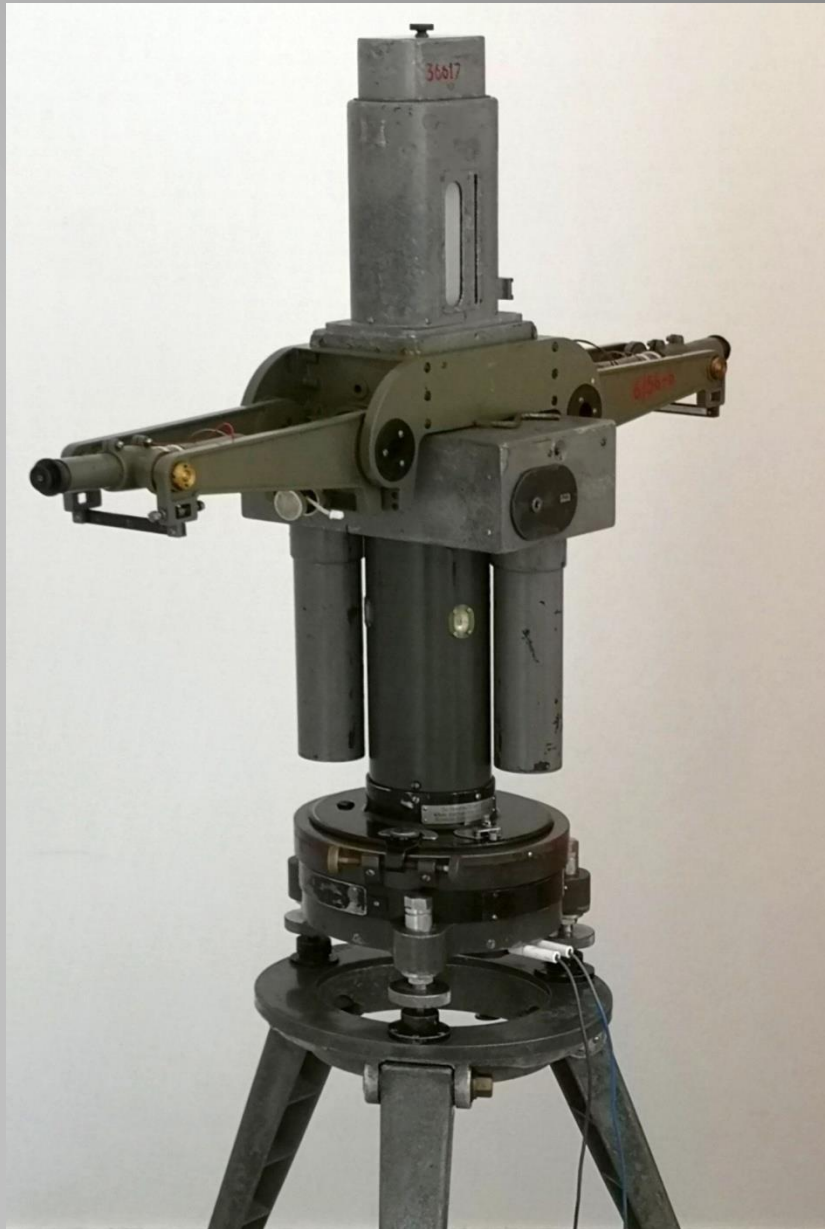


E54 Torsion Balance
1954



Look inside the torsion balance





*Everybody is invited to see this
almost 100 years old,
well operational, renewed
AutERBal Balance*