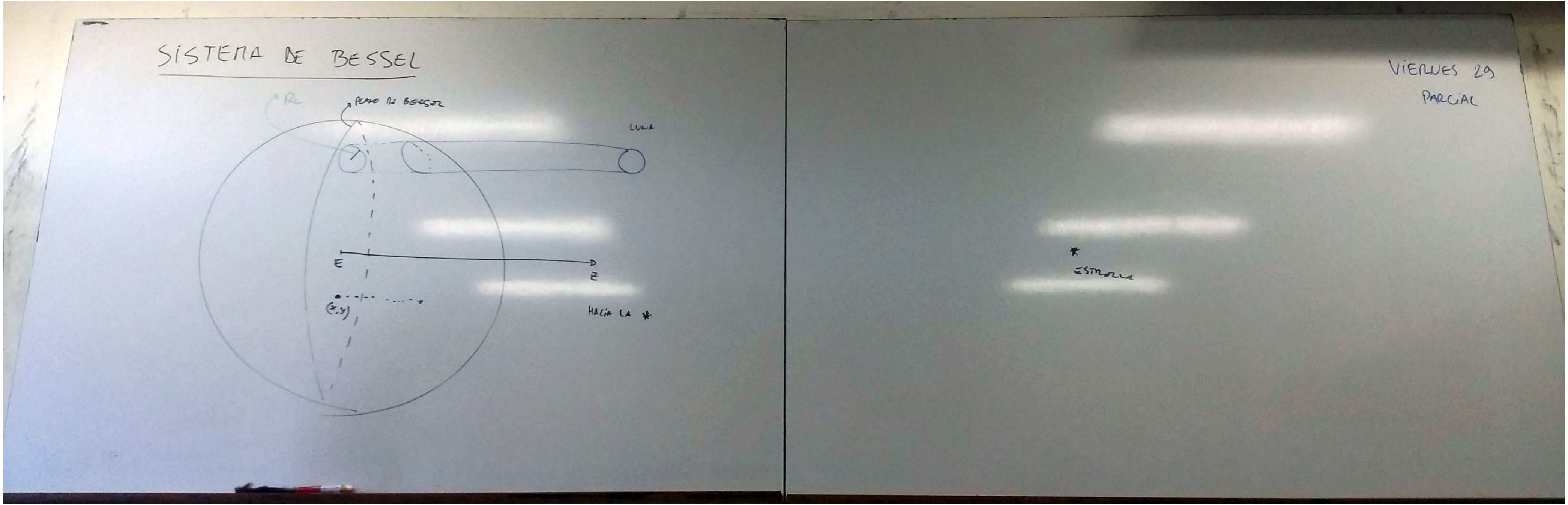
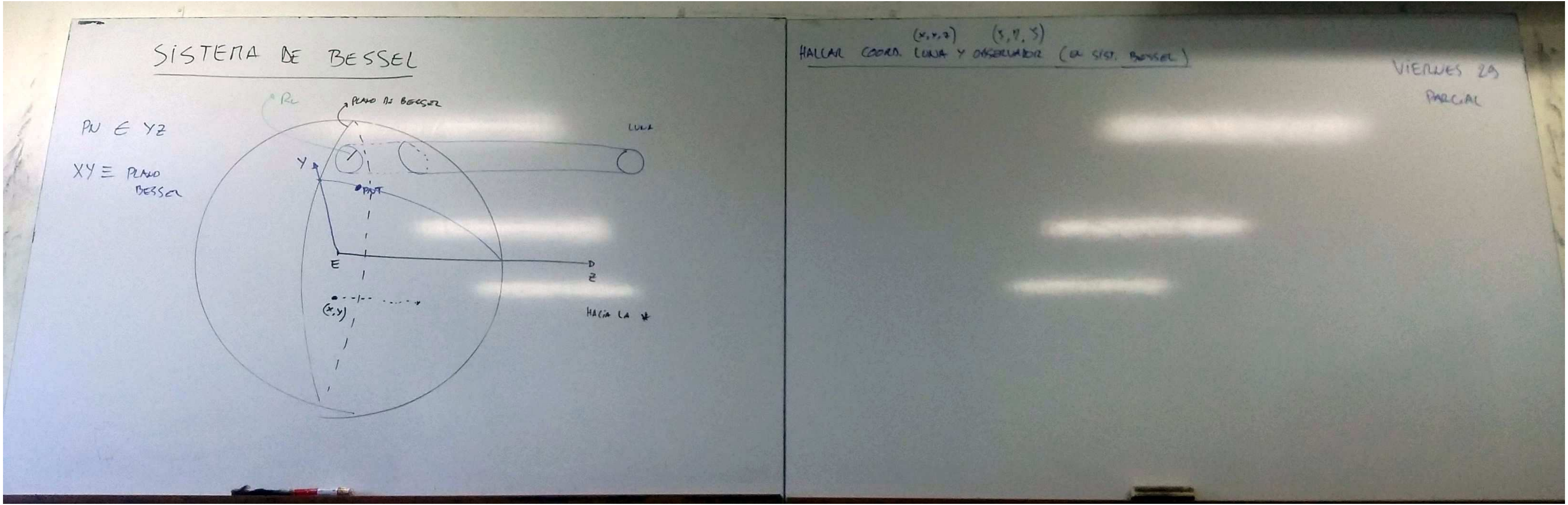
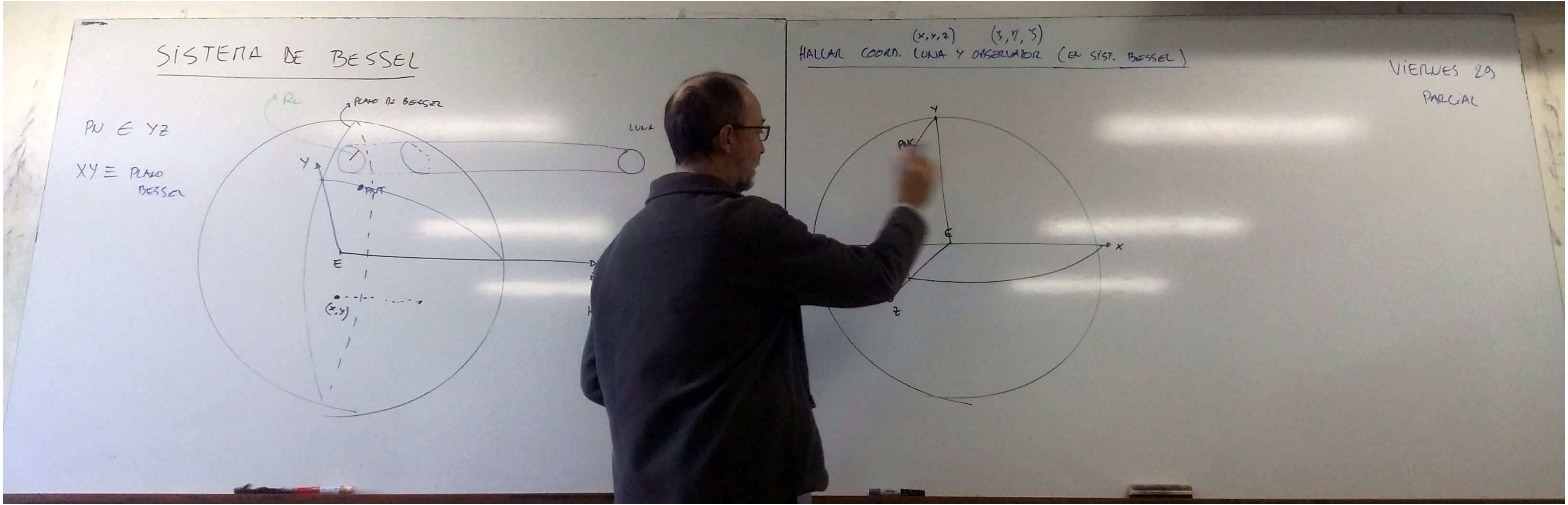
Astronomia Fundamental 2018 - clase 19



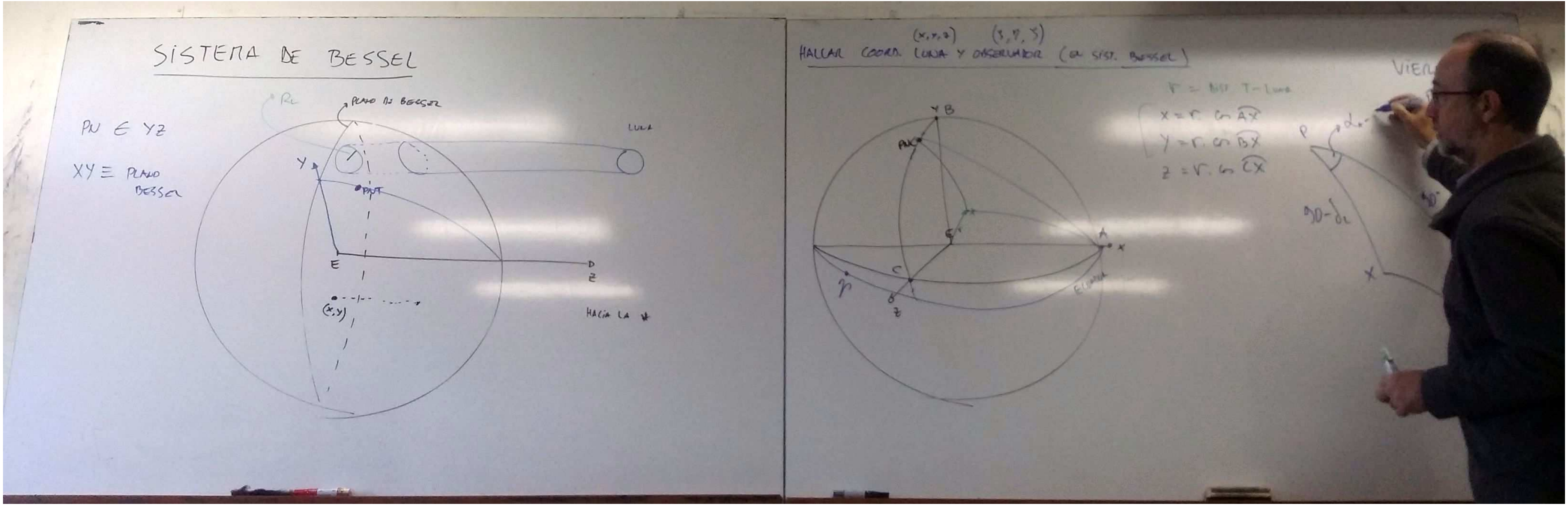
Astronomia Fundamental 2018 - clase 19

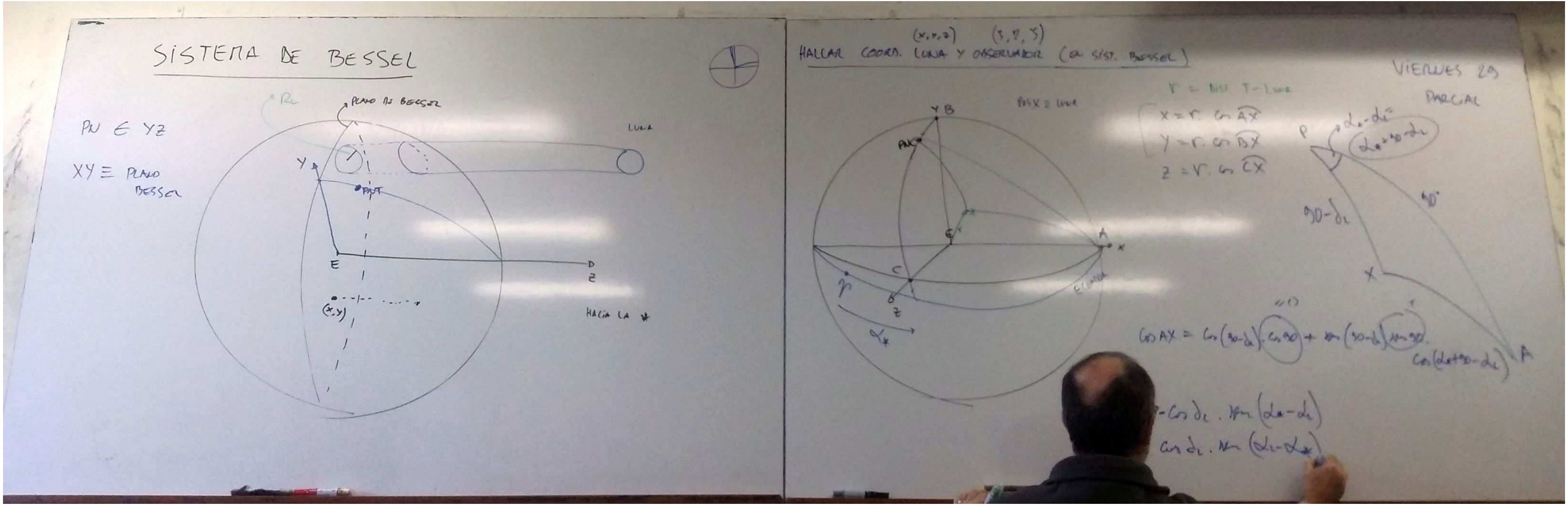




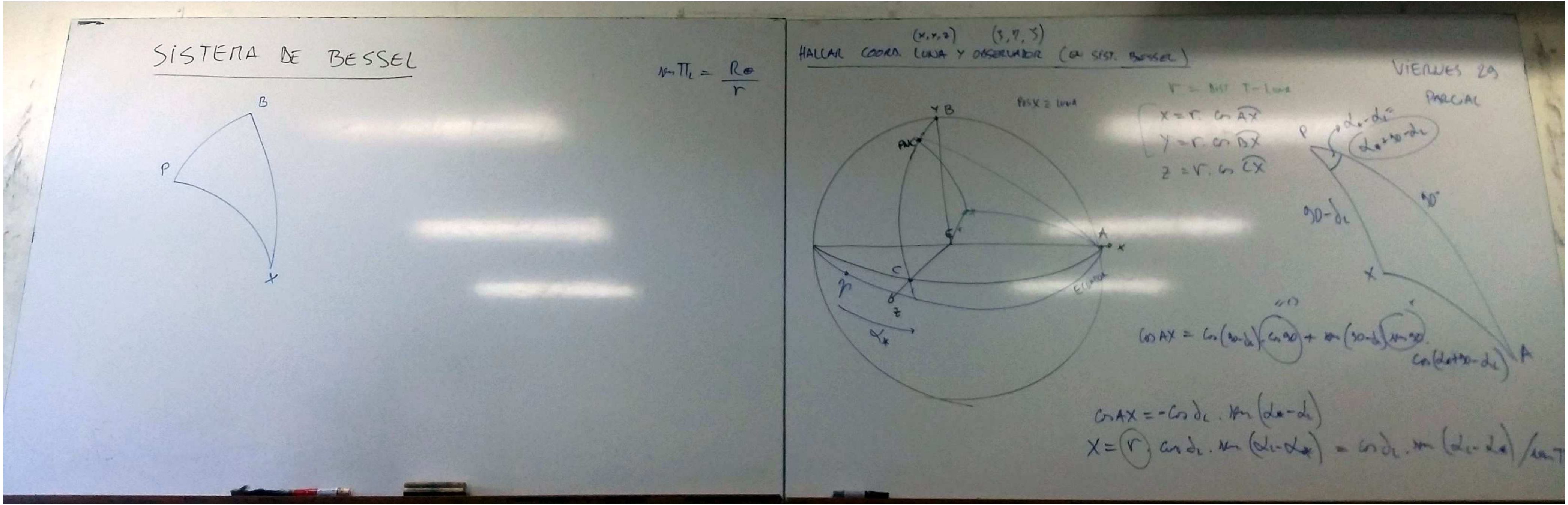
SISTEMA DE BESSEL
PN ∈ YZ
XY ≡ PLANO BESSEL
PLANO DE BESSEL
LUNA
(x,y)
(x,y,z)
(ξ,η,ζ)
HALLAR COORD. LUNA Y OBSERVADOR (EN SIST. BESSEL)
VIERNES 29
PARCIAL

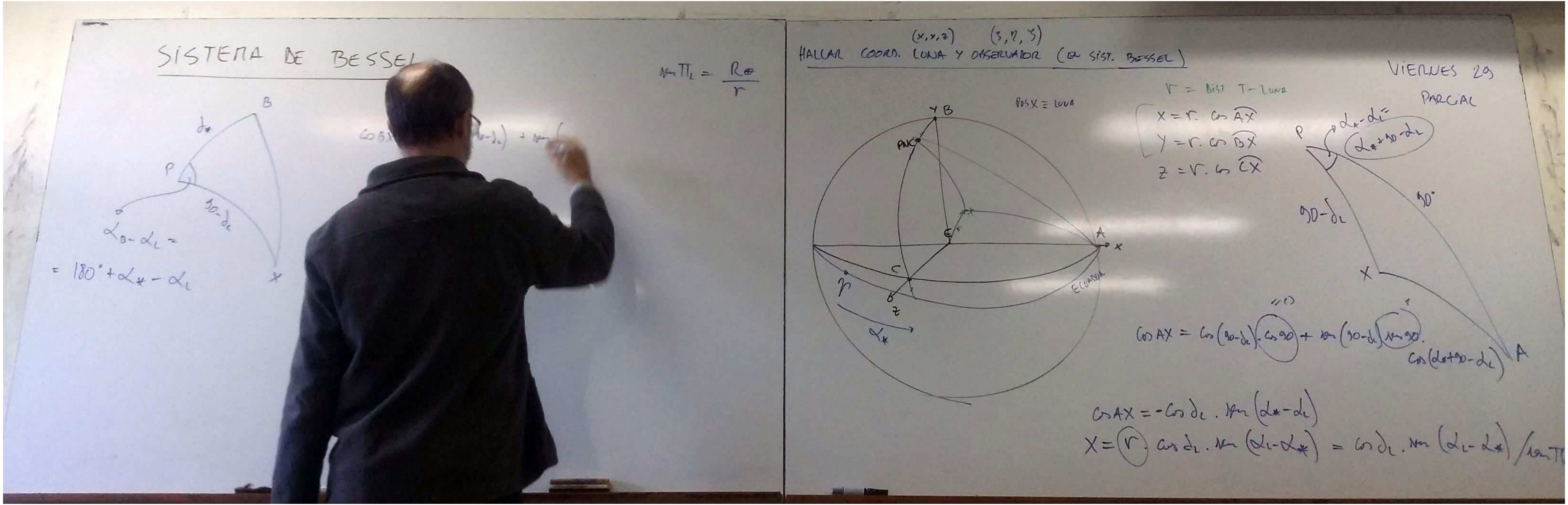
Astronomia Fundamental 2018 - clase 19



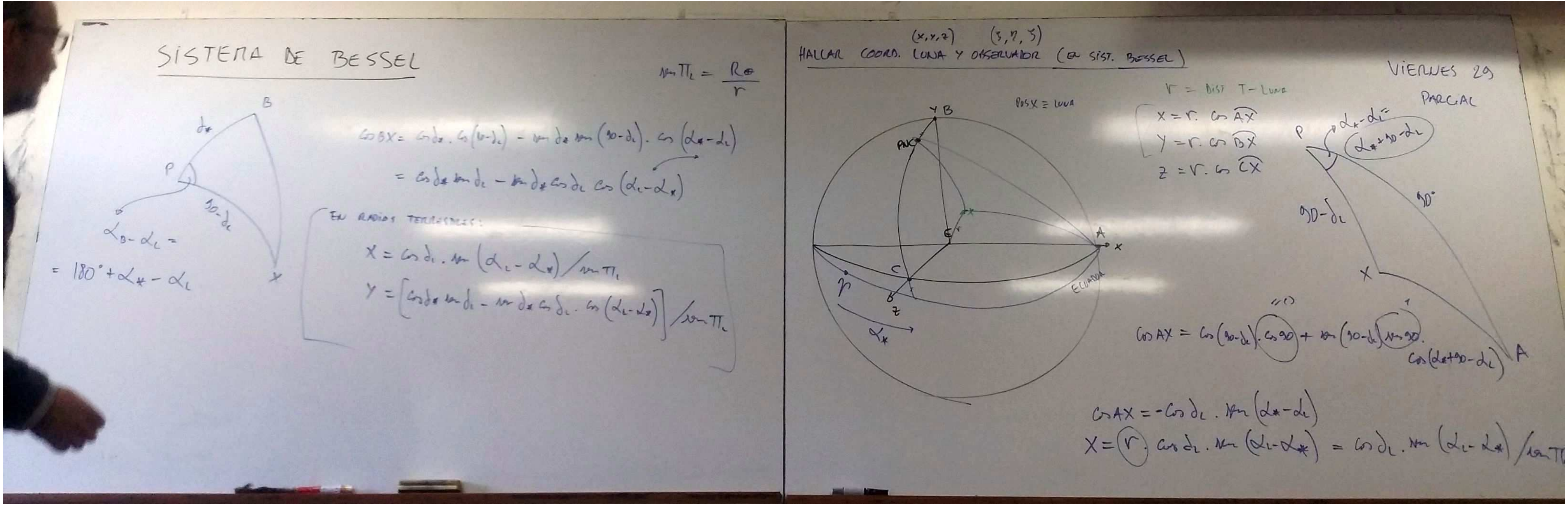

SISTEMA DE BESSEL
PN ∈ YZ
XY ≡ PLANO BESSEL
PLANO DE BESSEL
LUNA
HACIA LA ★
HALLAR COORD. LUNA Y OBSERVADOR (EN SIST. BESSEL)
VIERNES 29
PARCIAL

# Astronomia Fundamental 2018 - clase 19

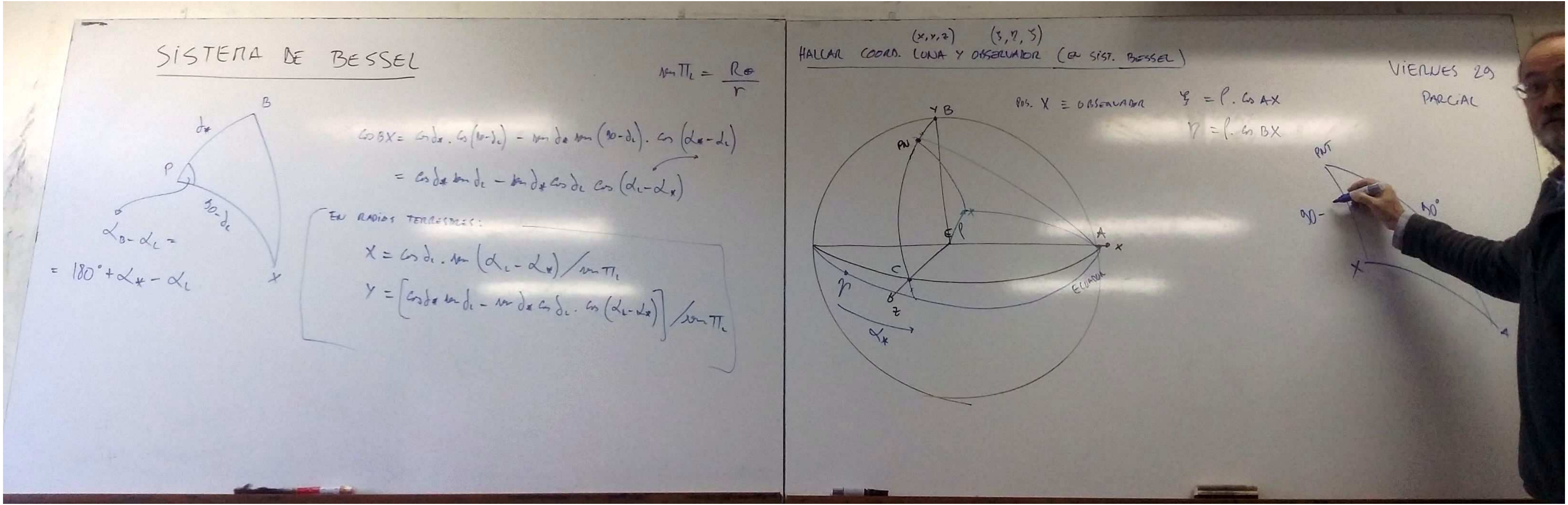



SISTEMA DE BESSEL
HALLAR COORD. LUNA Y OBSERVADOR (EN SIST. BESSEL)
VIERNES 29
PARCIAL
r = DIST T-LUNA
X = r. cos AX
Y = r. cos BX
Z = r. cos CX
= 180° + α* - αL
cos AX = - cos δL . sen (α* - αL)
X = r . cos δL . sen (αL - α*) = cos δL . sen (αL - α*) / sen πL

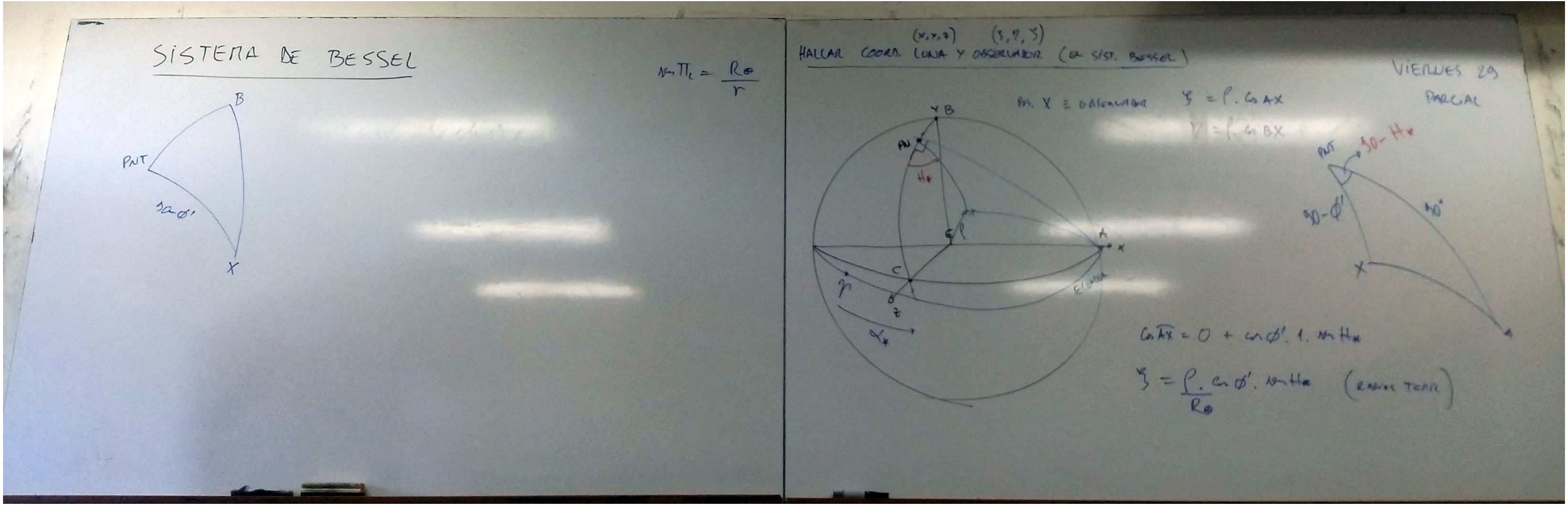
# Astronomia Fundamental 2018 - clase 19



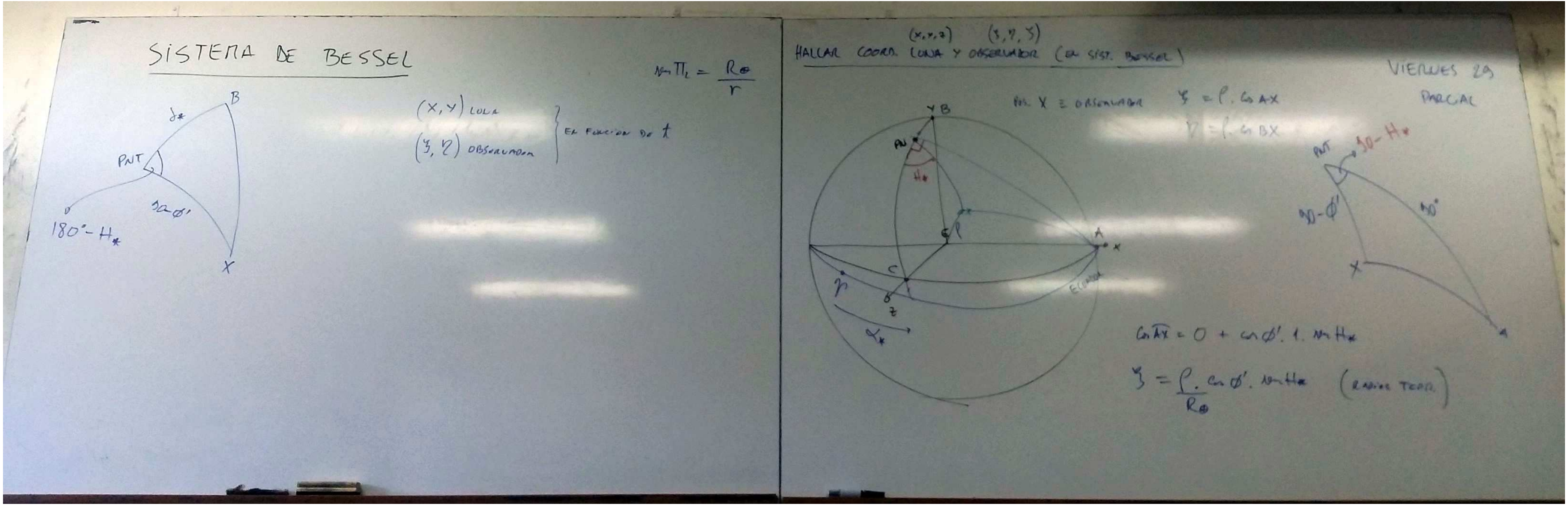
Astronomia Fundamental 2018 - clase 19



Astronomia Fundamental 2018 - clase 19

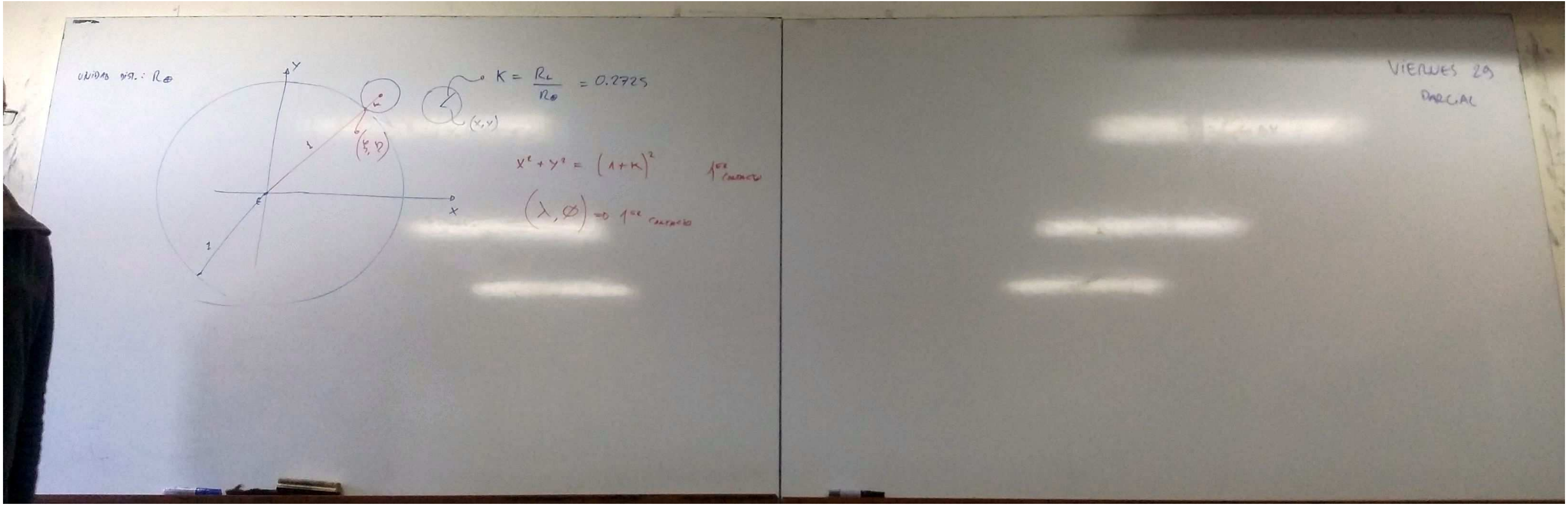


# Astronomia Fundamental 2018 - clase 19

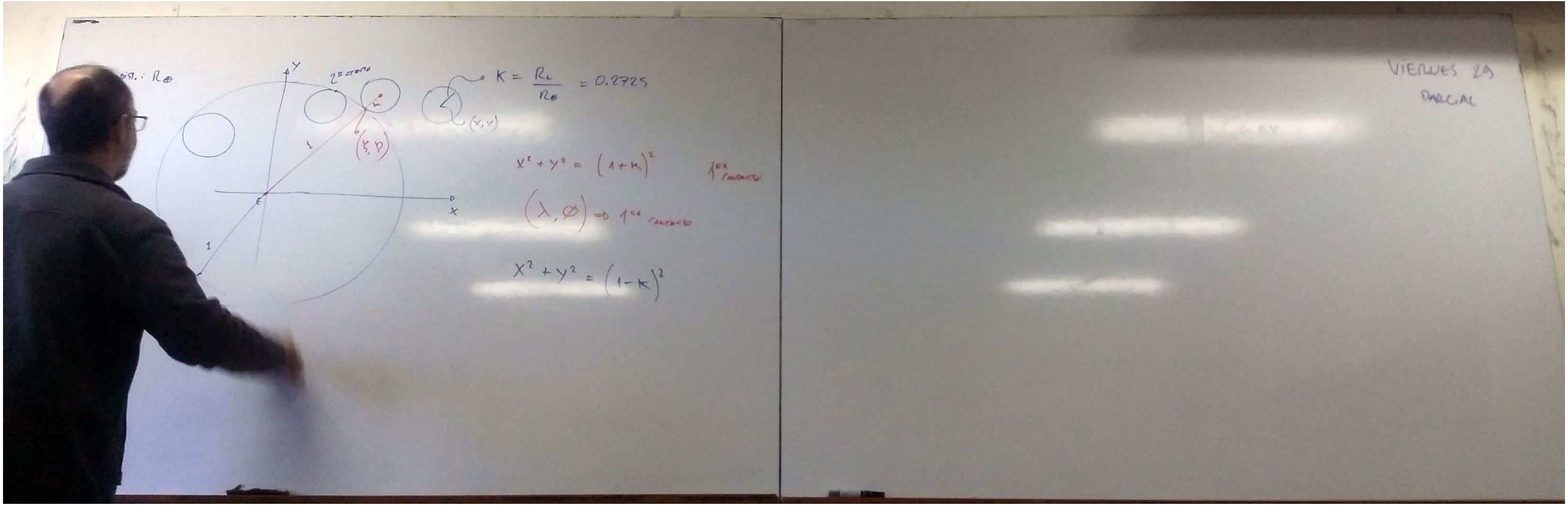


Astronomia Fundamental 2018 - clase 19

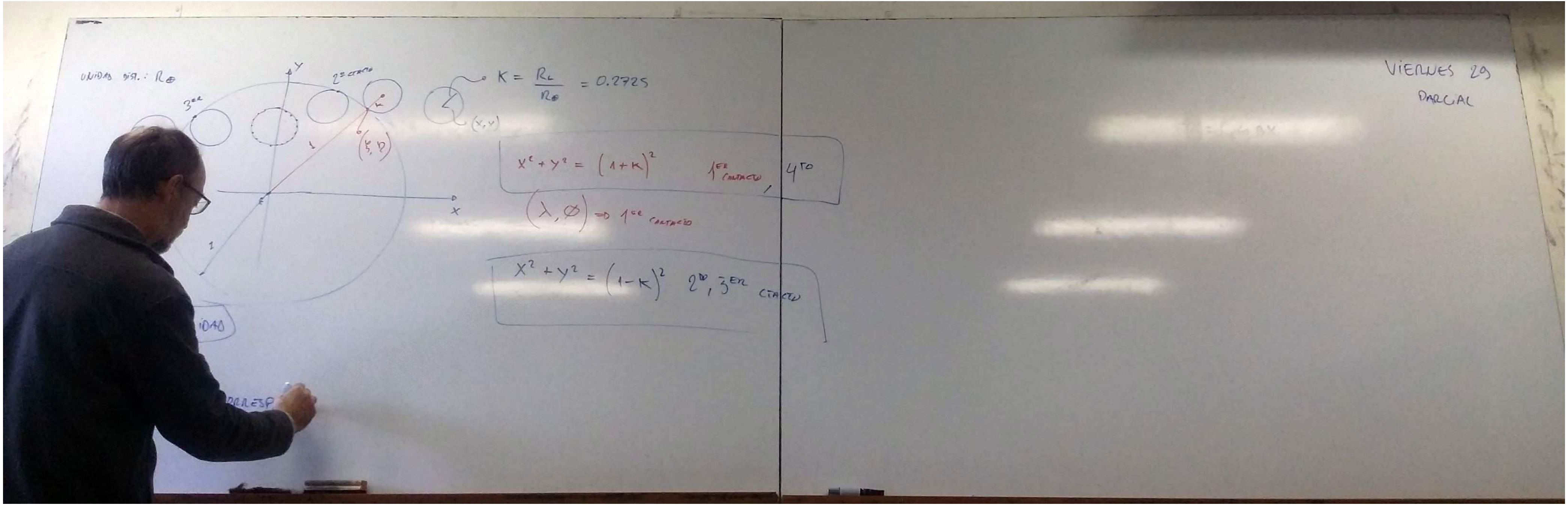
Astronomia Fundamental 2018 - clase 19



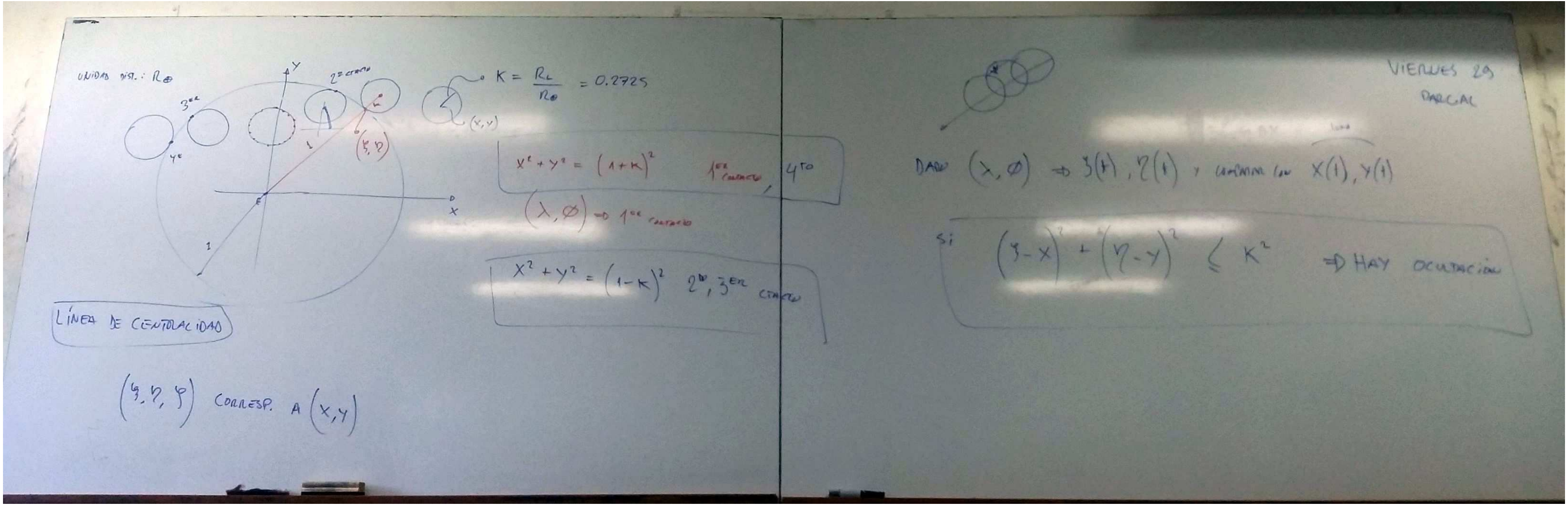
# Astronomia Fundamental 2018 - clase 19

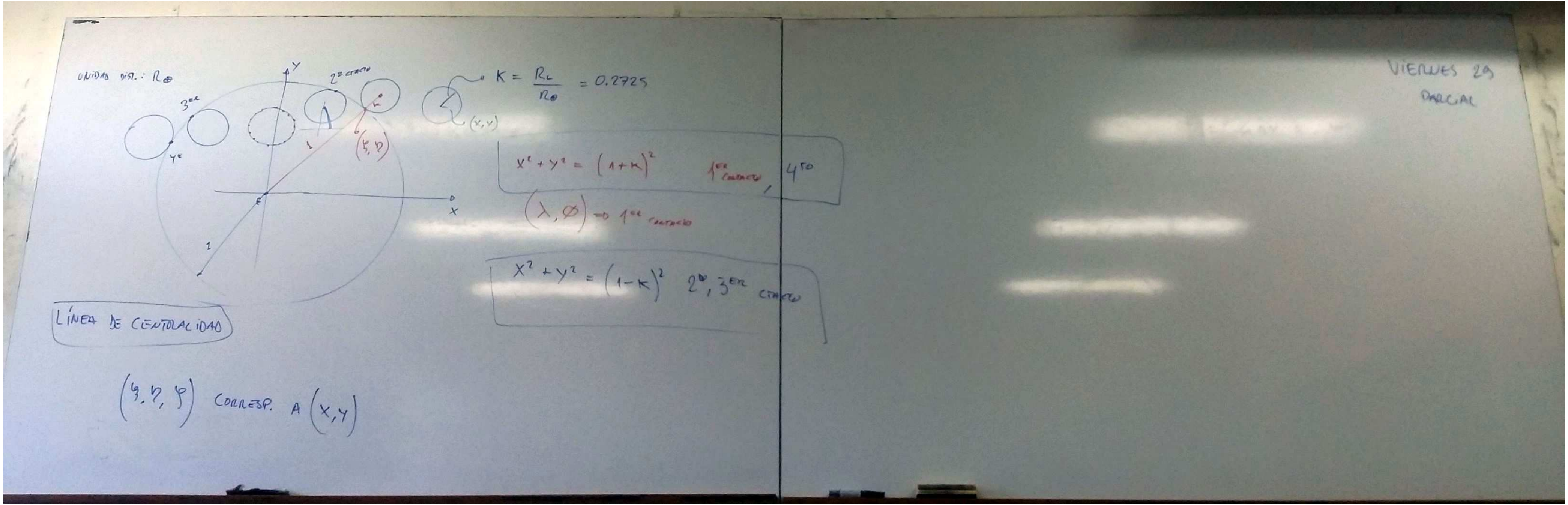


Astronomia Fundamental 2018 - clase 19

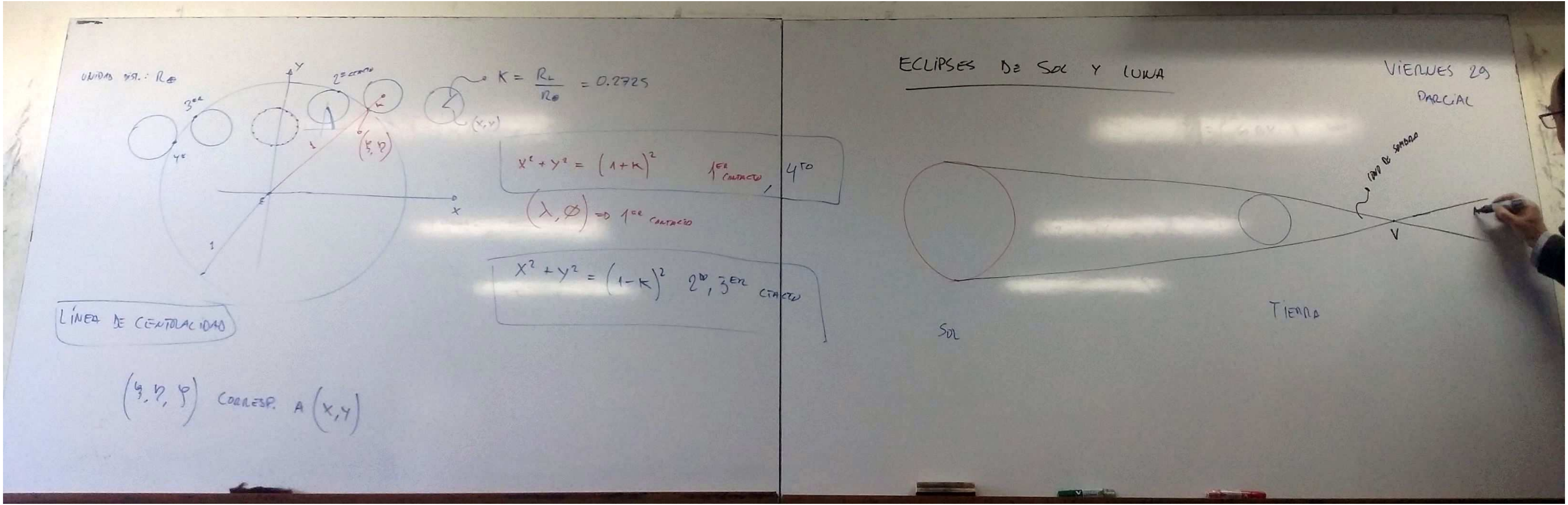


Astronomia Fundamental 2018 - clase 19

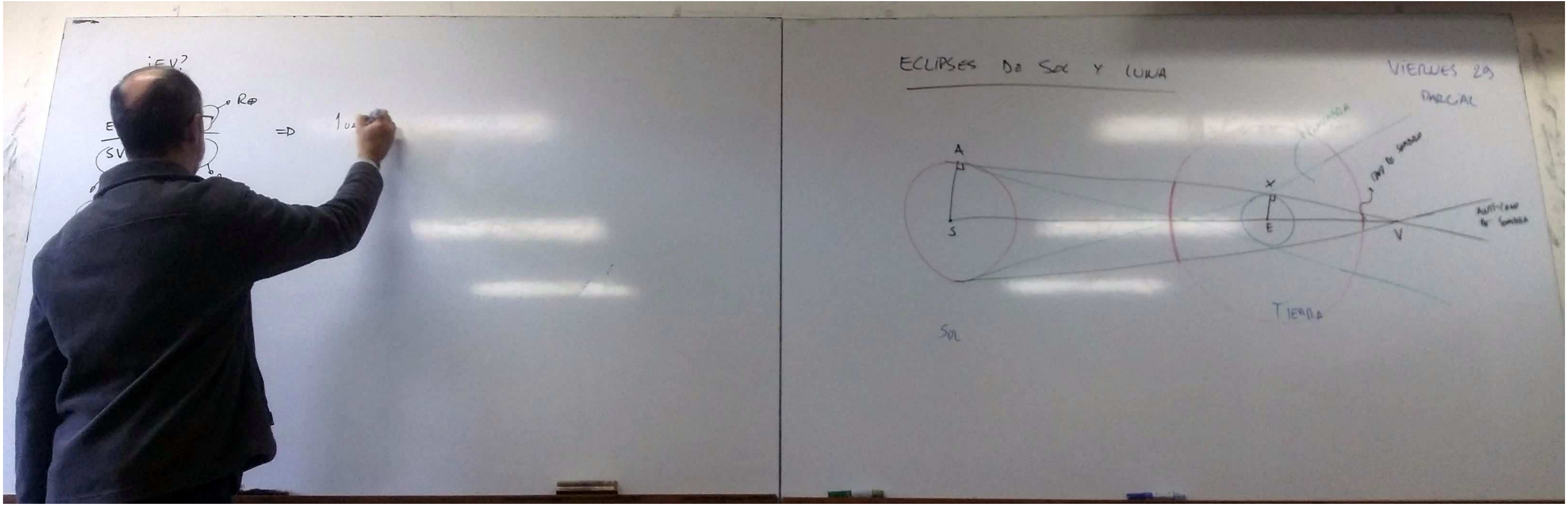



UNIDAD DIST.: R⊕
3ER
2º CONTACTO
4º
y
x
1
K = RL / R⊕ = 0.2725
(x, y)
(ξ, η)
x² + y² = (1 + k)²   1ER CONTACTO, 4TO
(λ, φ) → 1ER CONTACTO
x² + y² = (1 − k)²   2º, 3ER CONTACTO
LÍNEA DE CENTRALIDAD
(ξ, η, ζ) CORRESP. A (x, y)
VIERNES 29
PARCIAL

Astronomia Fundamental 2018 - clase 19



Astronomia Fundamental 2018 - clase 19



# Astronomia Fundamental 2018 - clase 19