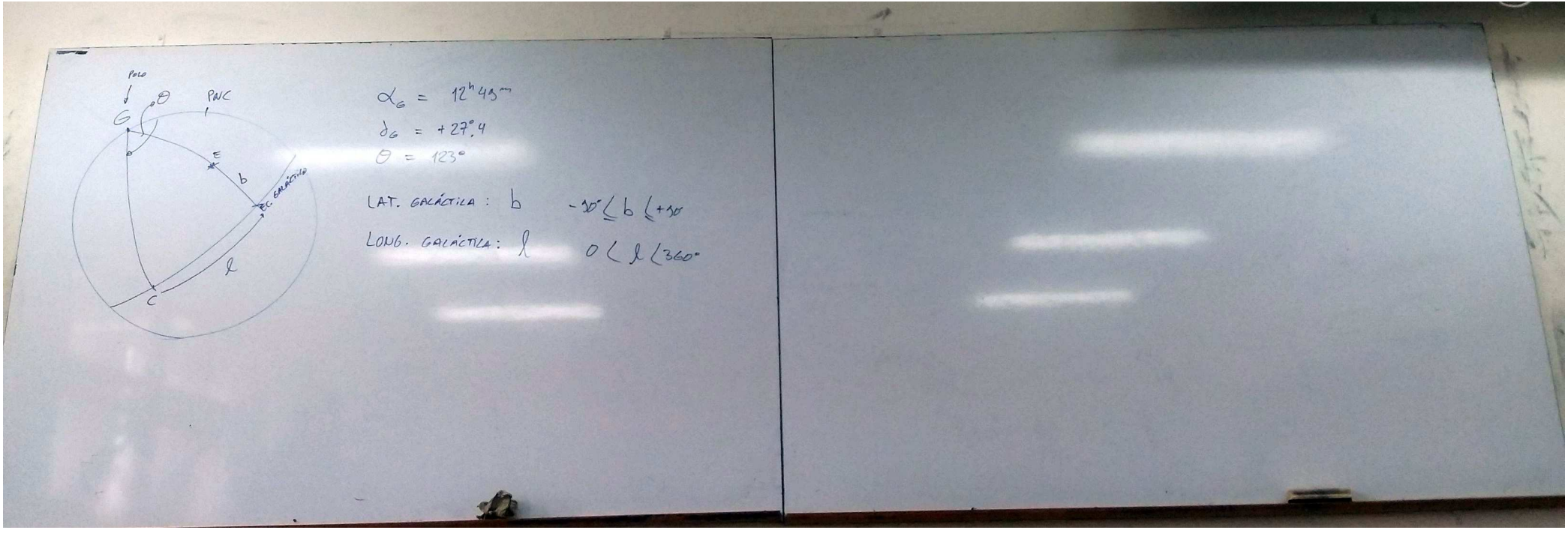
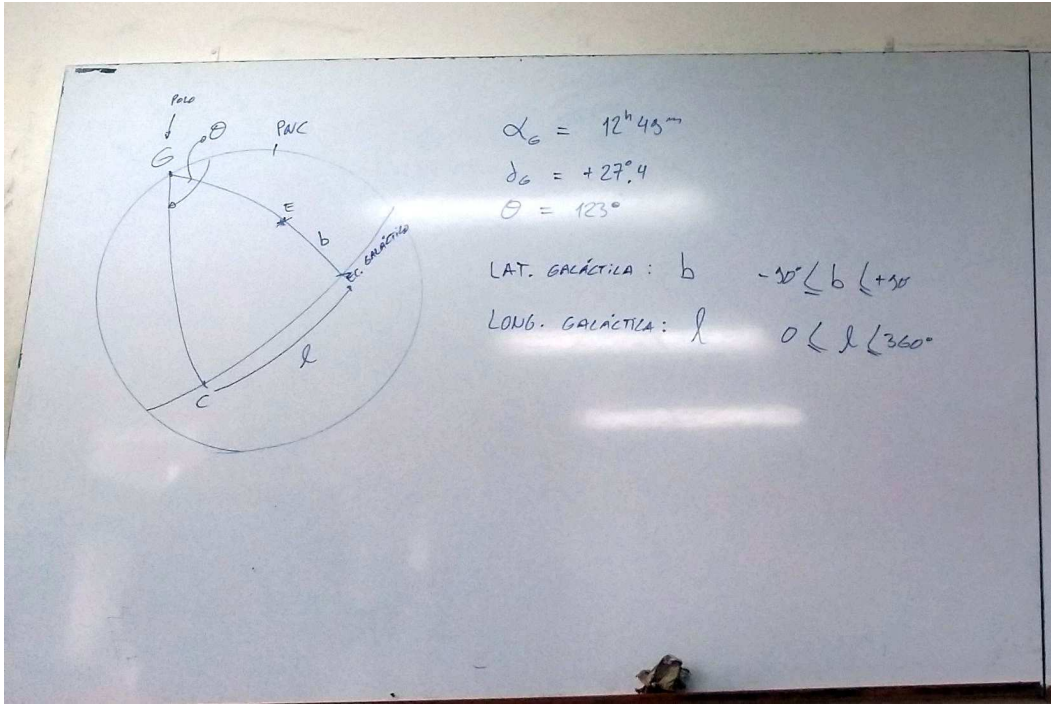
Astronomia Fundamental 2018 - clase 6



Astronomia Fundamental 2018 - clase 6



$\alpha_G = 12^h 49^m$

$\delta_G = +27°.4$

$\theta = 123°$

LAT. GALÁCTICA : b $\quad -30° \leq b \leq +30$

LONG. GALÁCTICA: ℓ $\quad 0 \leq \ell \leq 360°$

T. SIDÉREO GREENWICH

TSG

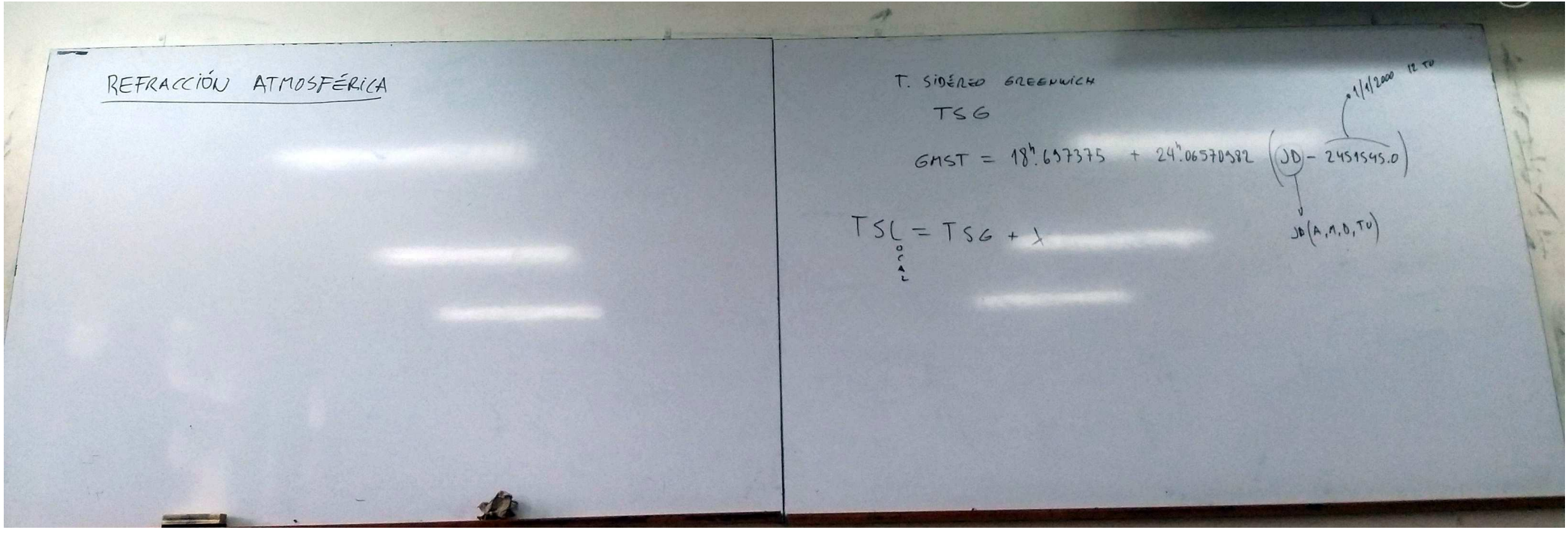
$GMST = 18^h.697375 + 24^h.065709982 \left(JD - 2451545.0\right)$

1/1/2000 12 TU

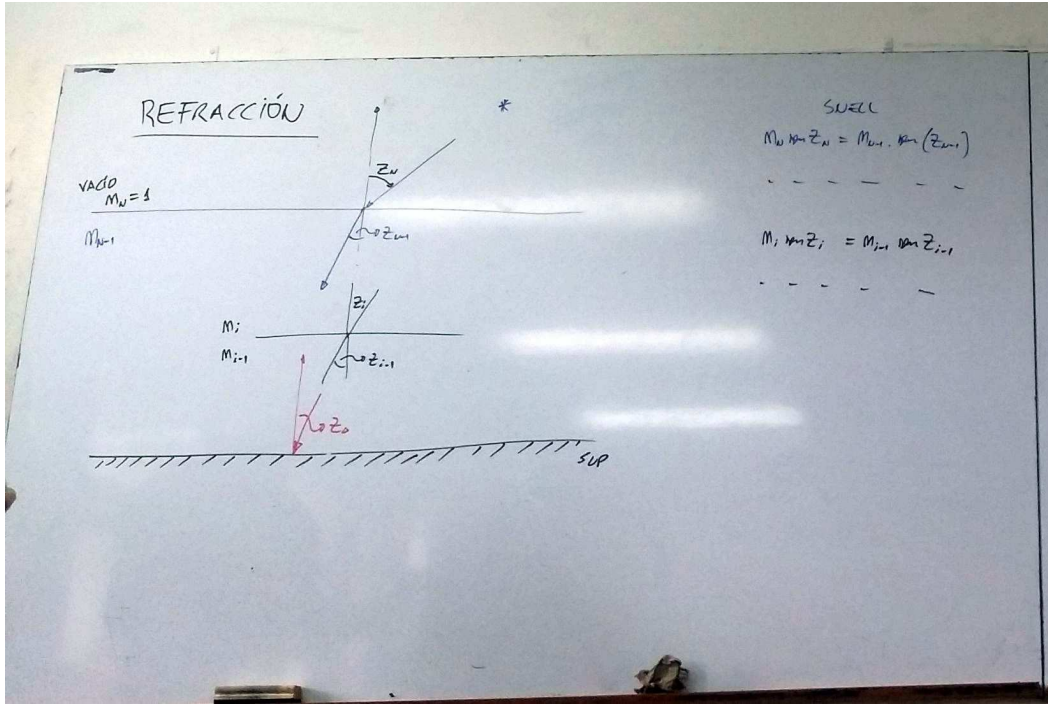
$JD(A,M,D,TU)$

$TSL_{LOCAL} = TSG + \lambda$

Astronomia Fundamental 2018 - clase 6



Astronomia Fundamental 2018 - clase 6



SNELL

$M_N \sin Z_N = M_{N-1} \sin(Z_{N-1})$

. . . . . .

$M_i \sin Z_i = M_{i-1} \sin Z_{i-1}$

. . . . . .

T. SIDÉREO GREENWICH

TSG

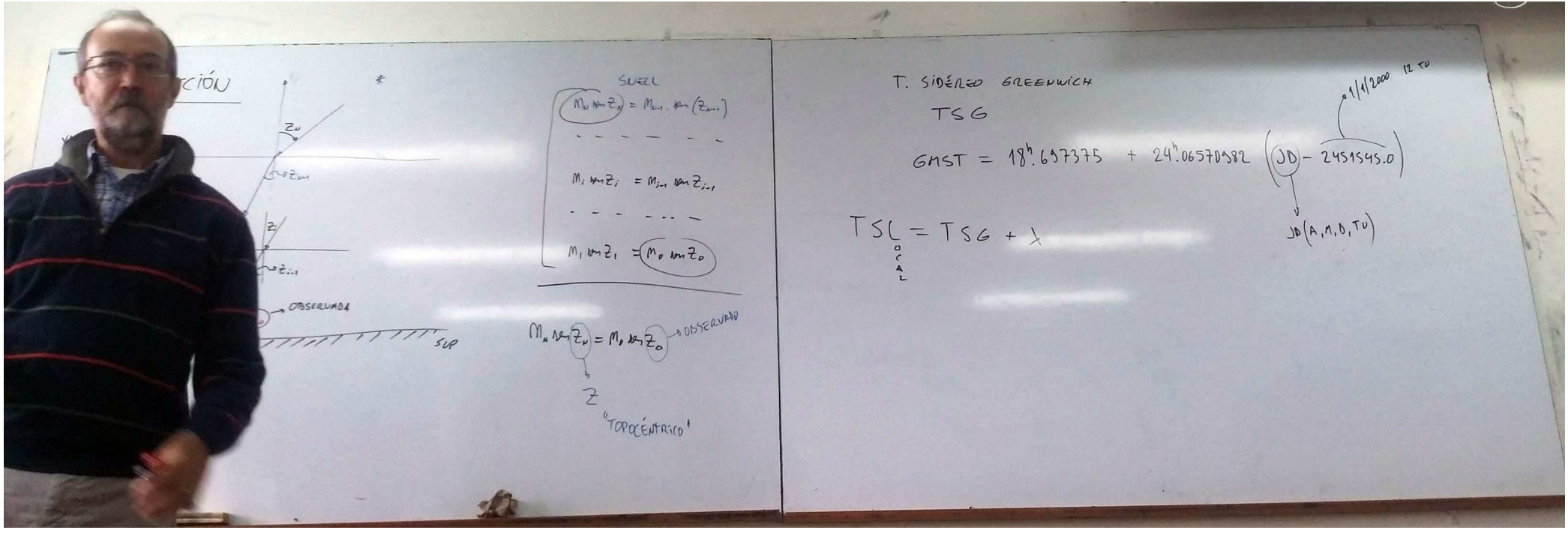
$$GMST = 18^h.697375 + 24^h.065709982\,(JD - 2451545.0)$$

1/1/2000 12 TU

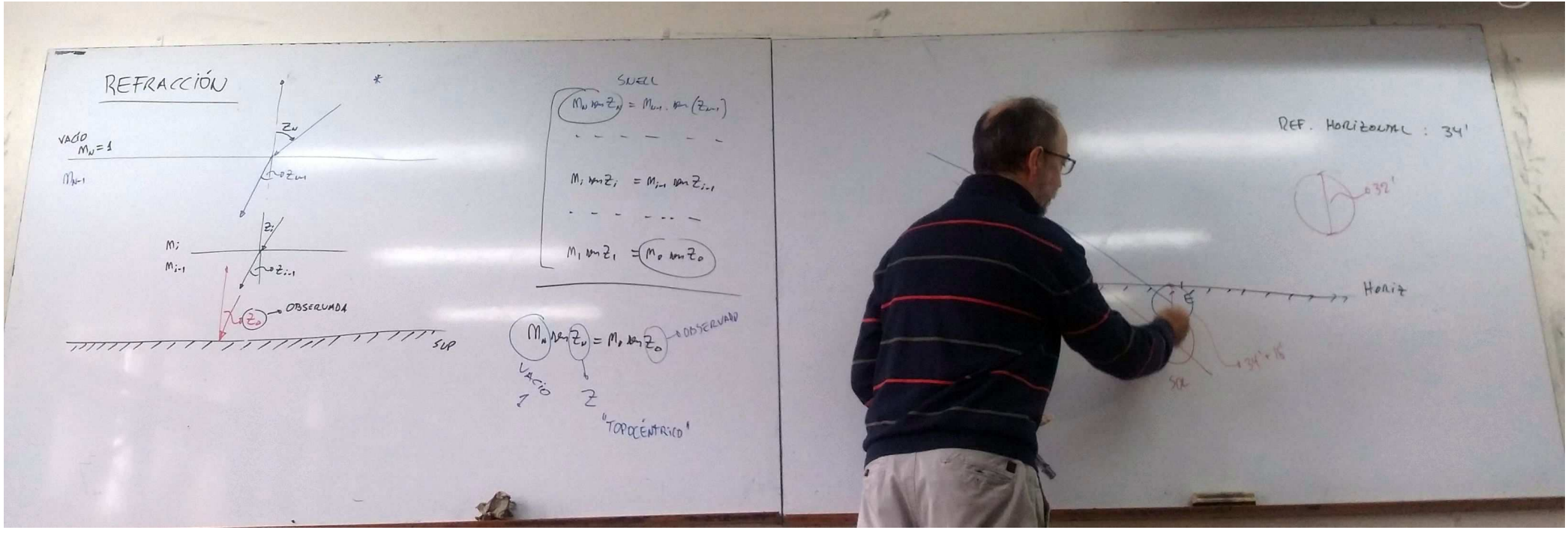
JD(A,M,D,TU)

$$TSL_{LOCAL} = TSG + \lambda$$

Astronomia Fundamental 2018 - clase 6



Astronomia Fundamental 2018 - clase 6



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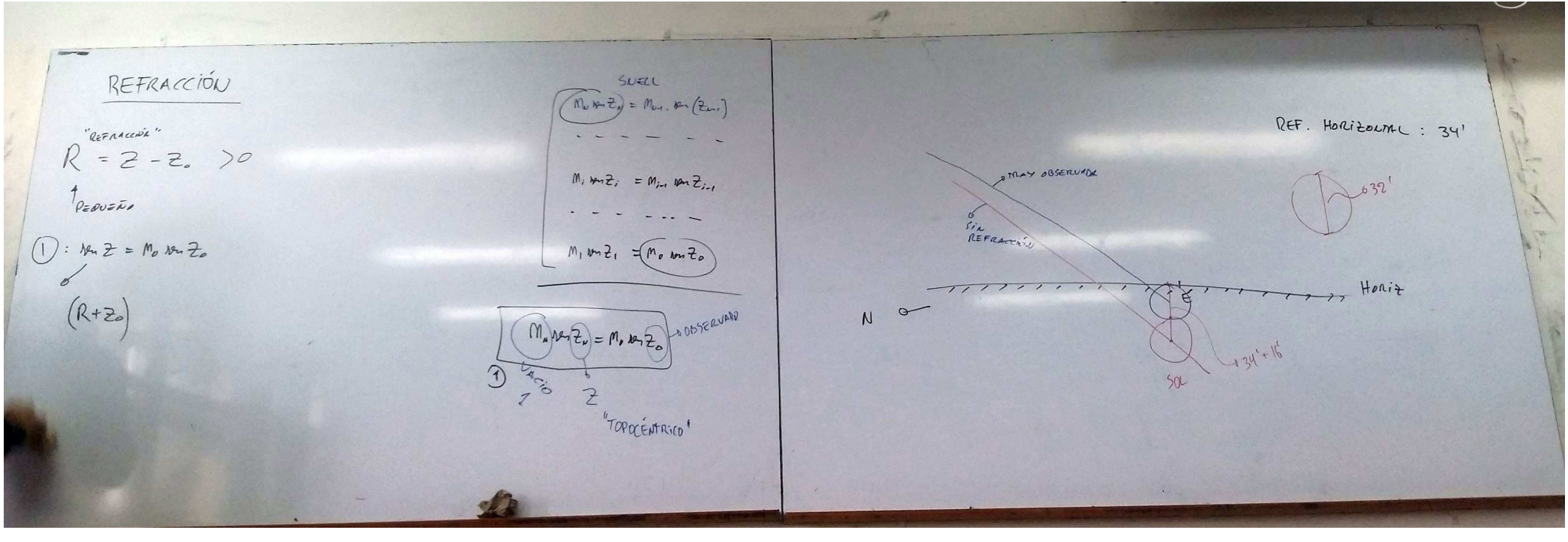

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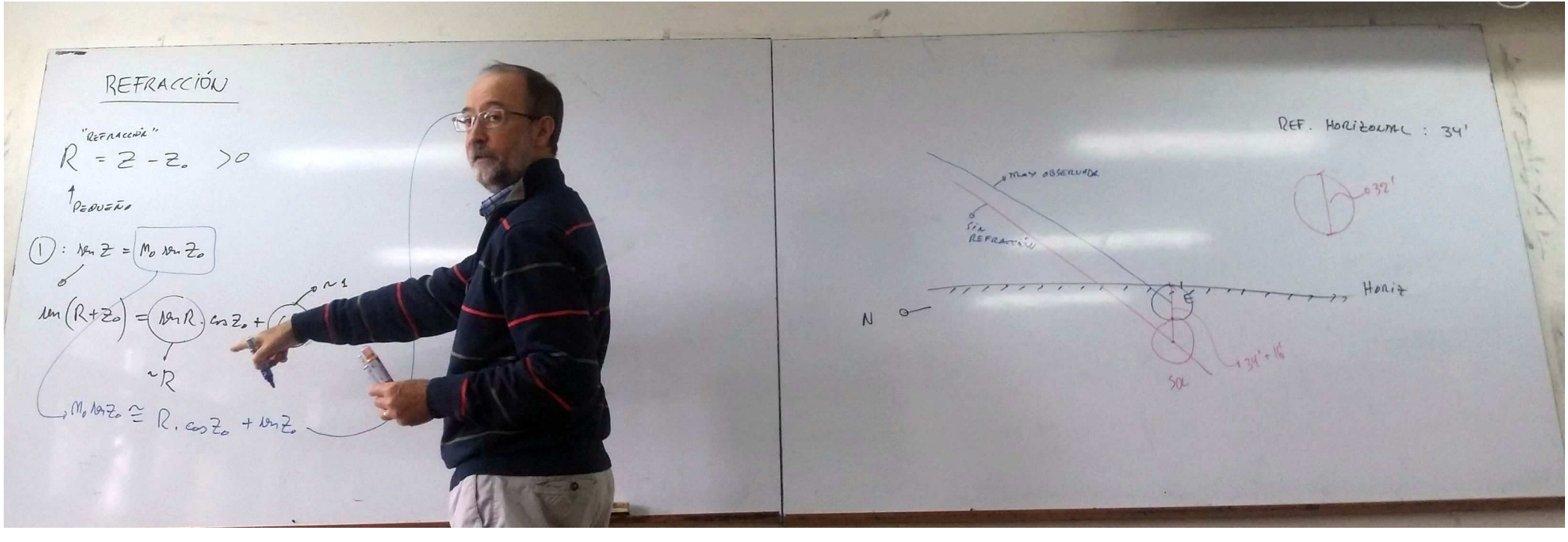
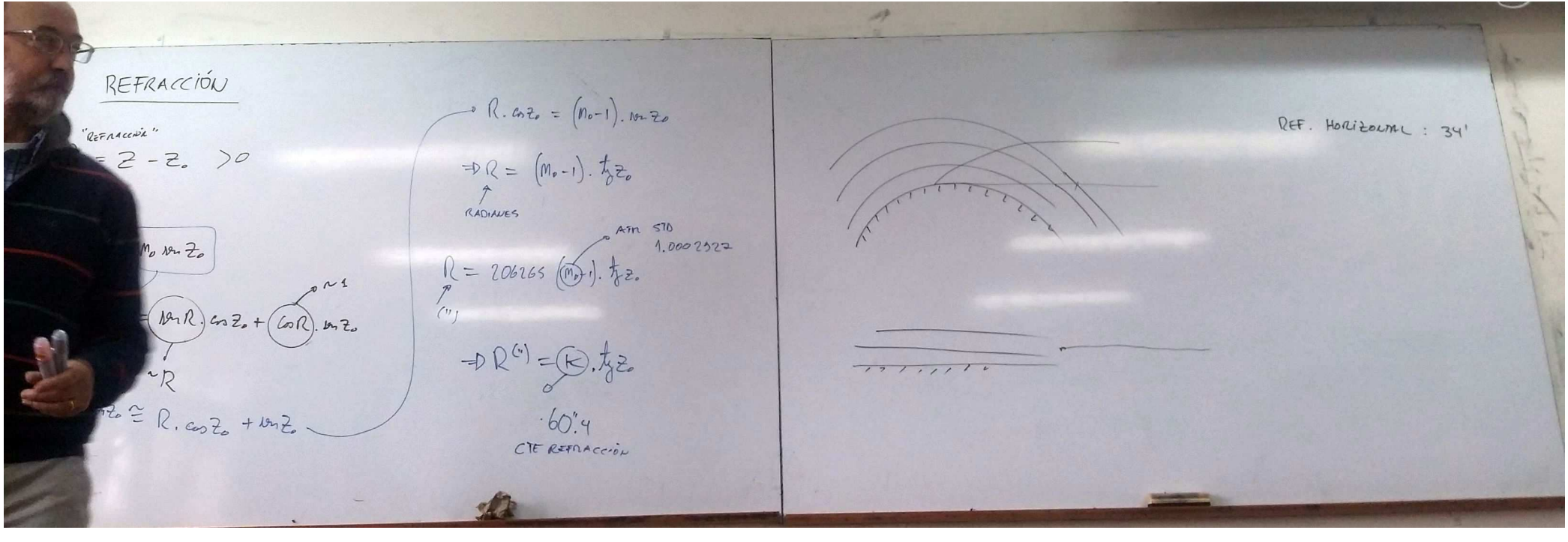
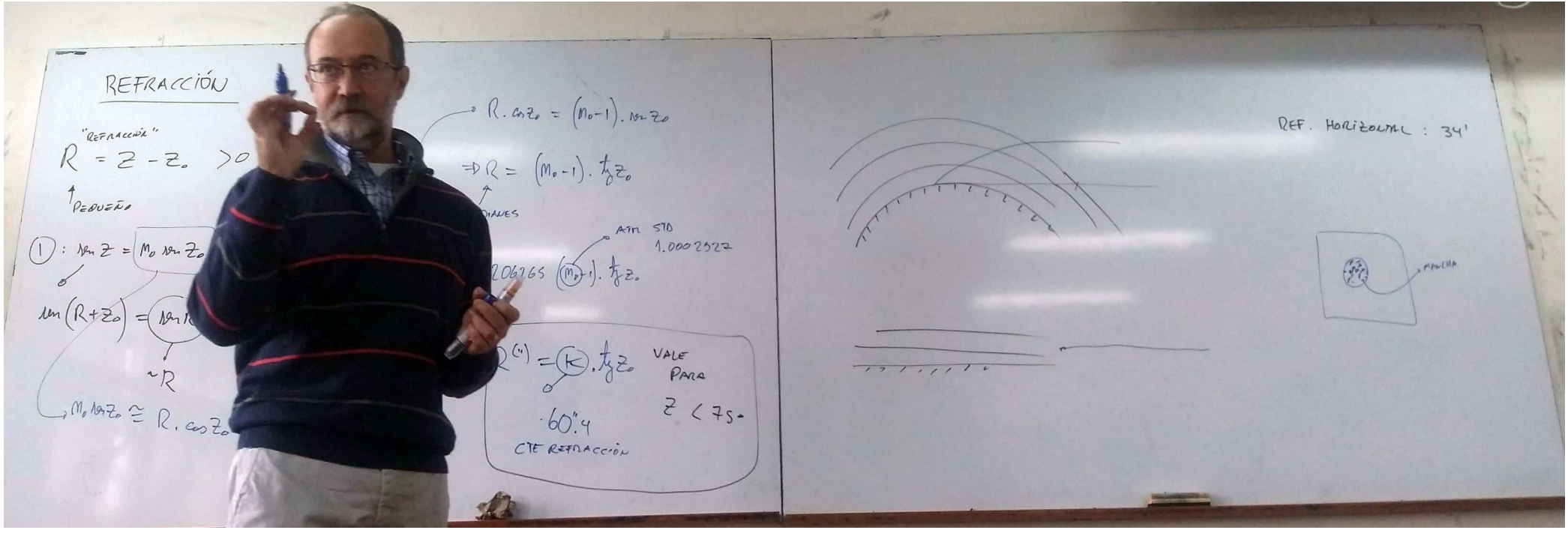
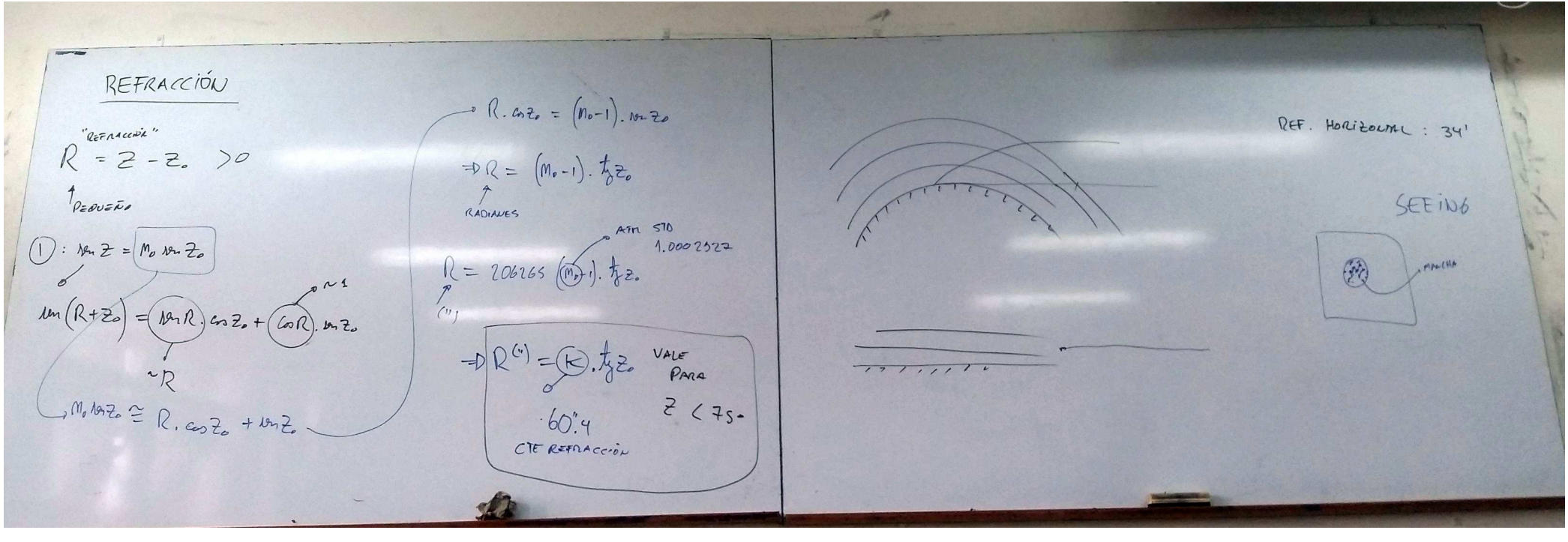


Astronomia Fundamental 2018 - clase 6

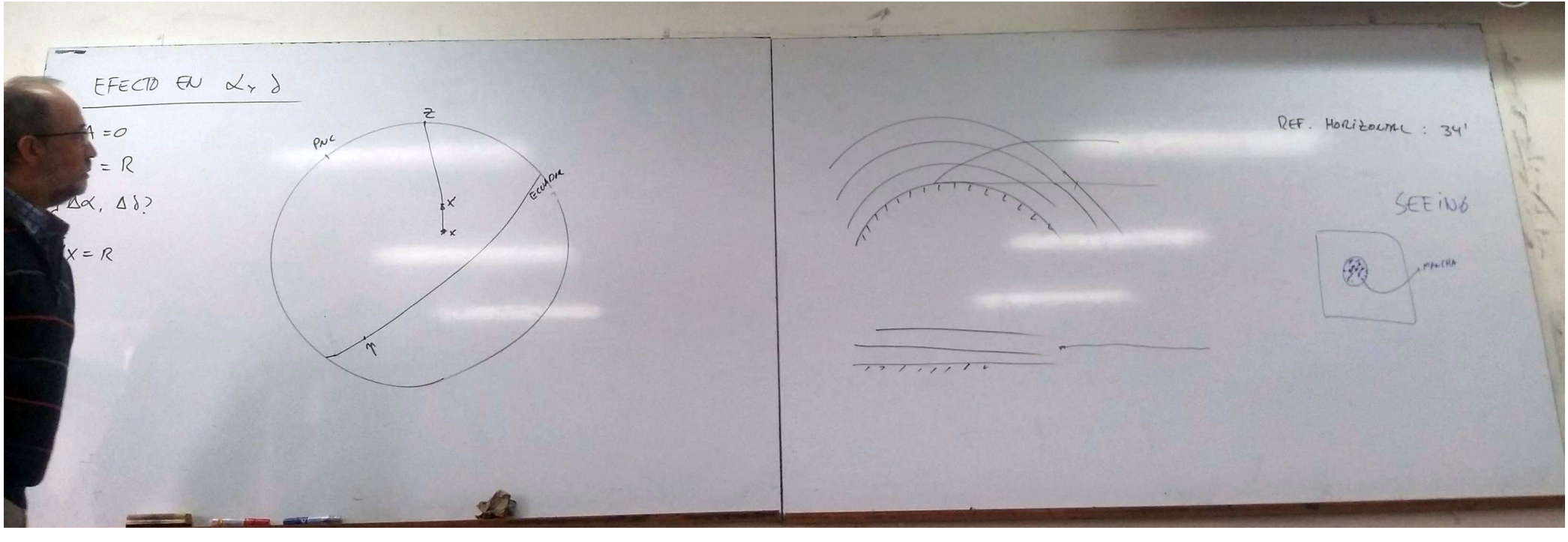


Astronomia Fundamental 2018 - clase 6




REFRACCIÓN
"REFRACCIÓN"
R = Z - Z₀ > 0
PEQUEÑO
① : sen Z = M₀ sen Z₀
sen(R + Z₀) = sen R . cos Z₀ + cos R . sen Z₀
~1
~R
M₀ sen Z₀ ≅ R . cos Z₀ + sen Z₀
R . cos Z₀ = (M₀ - 1) . sen Z₀
⇒ R = (M₀ - 1) . tg Z₀
RADIANES
ATM STD
1.0002927
R = 206265 (M₀ - 1) . tg Z₀
(")
⇒ R(") = K . tg Z₀
VALE PARA
Z < 75°
60".4
CTE REFRACCIÓN
REF. HORIZONTAL : 34'
SEEING
PANCHA

Astronomia Fundamental 2018 - clase 6



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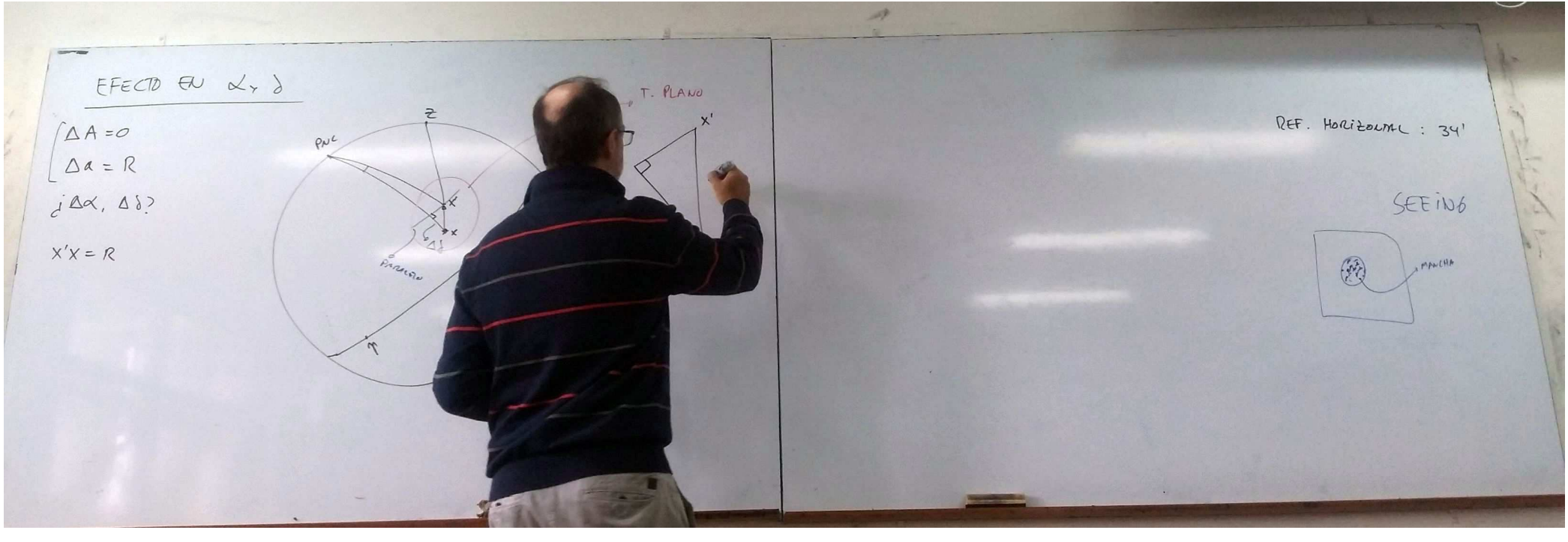

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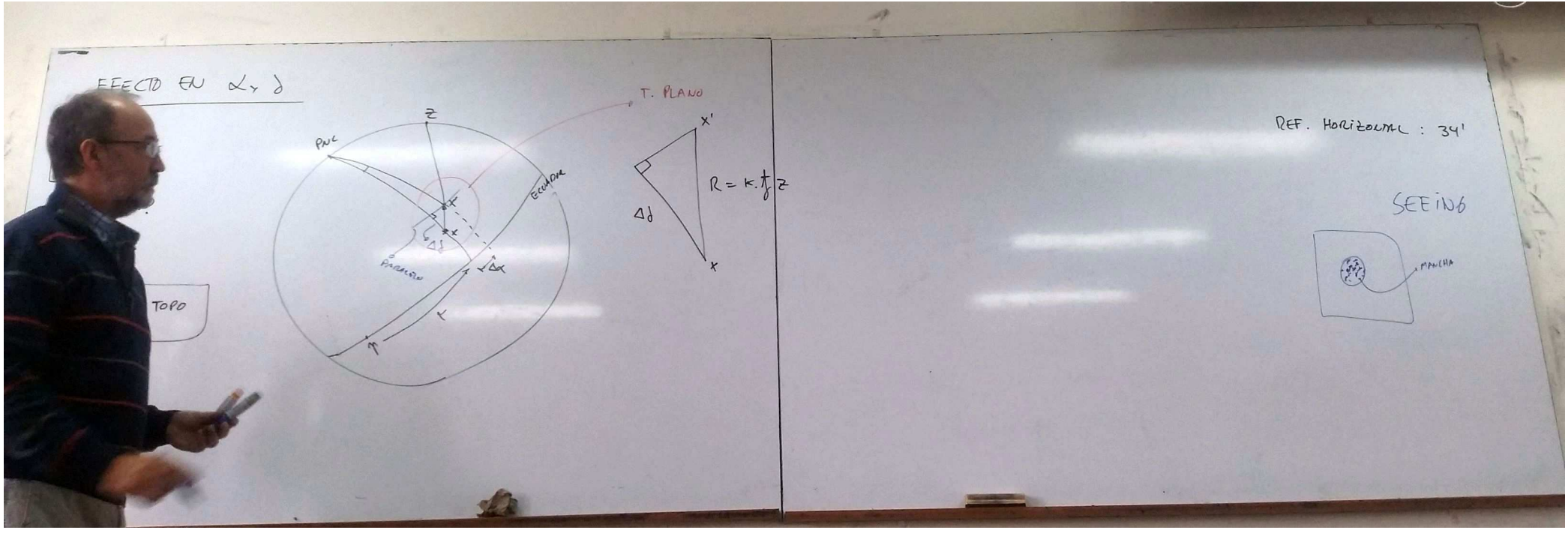

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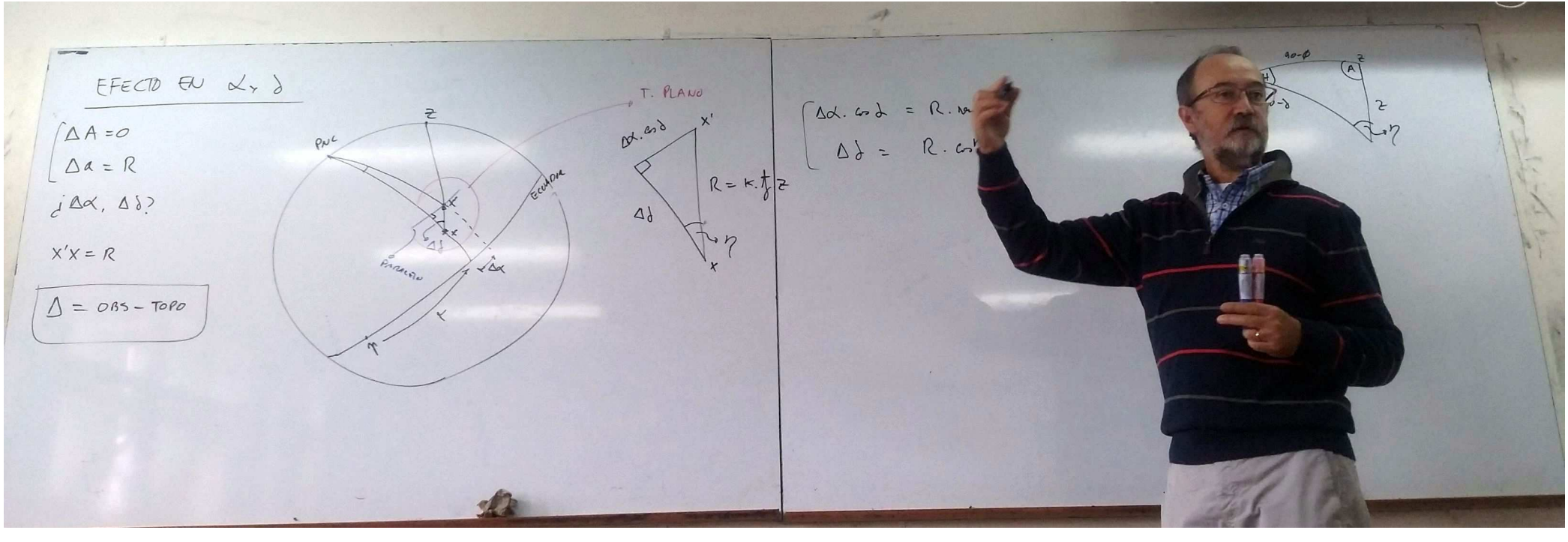

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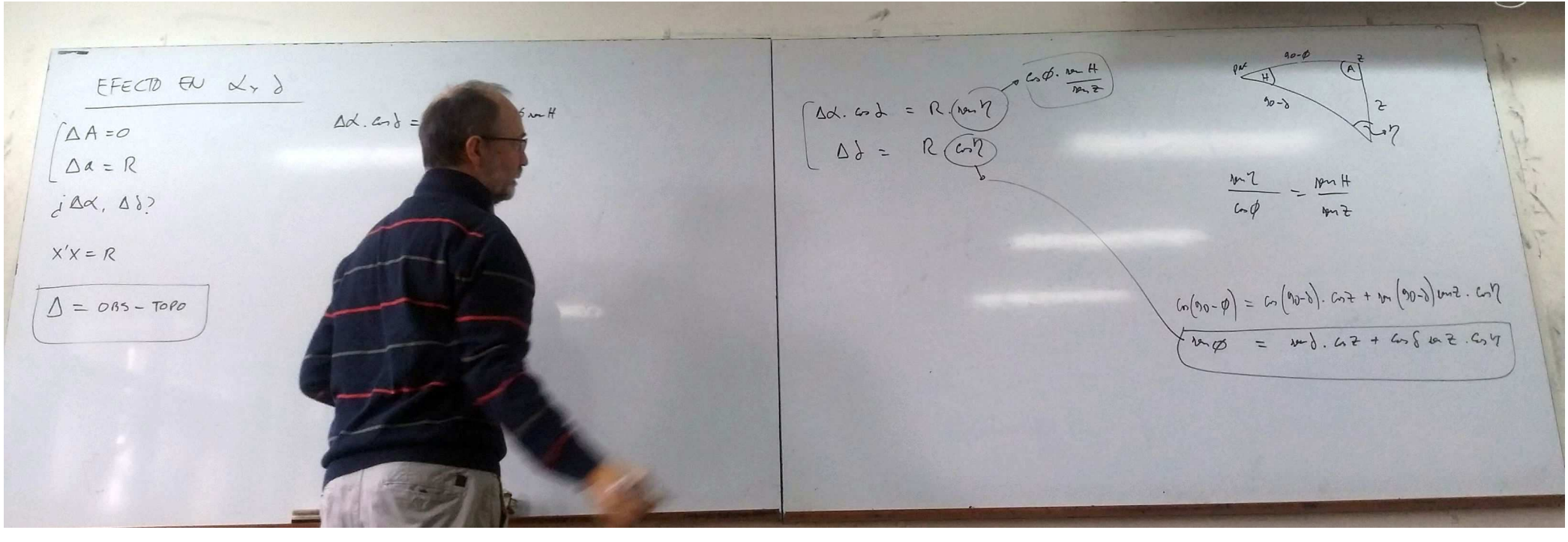

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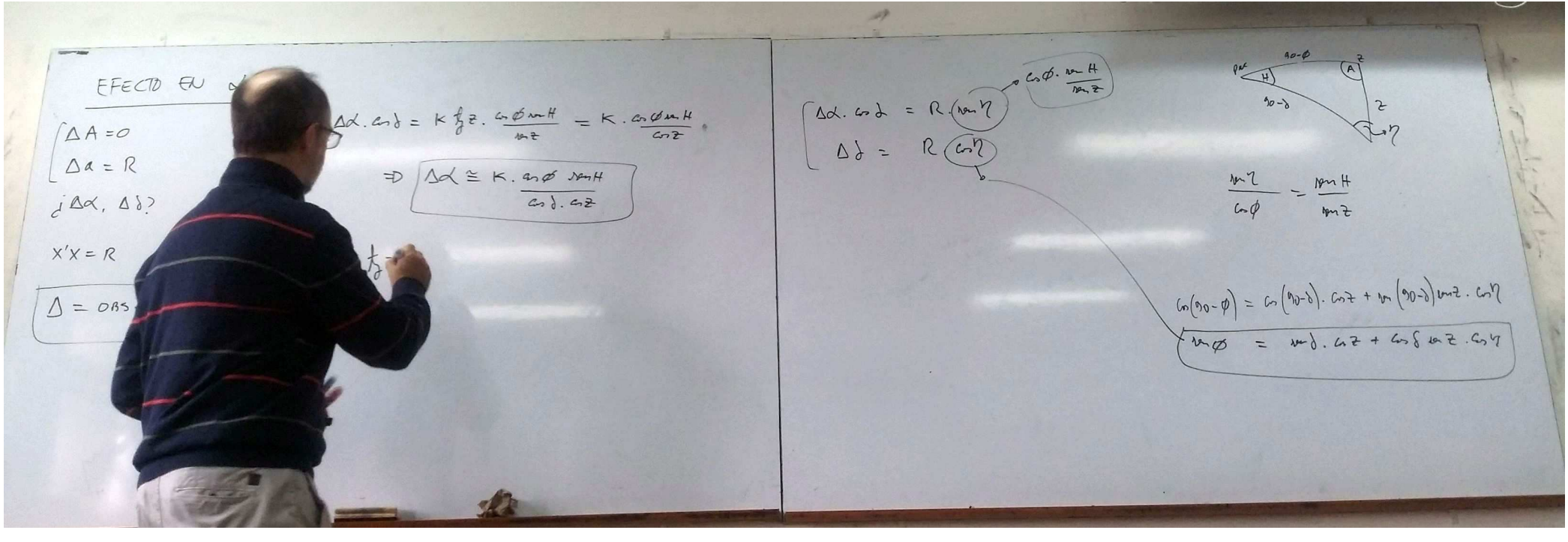

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