- Document blinding | Maud / Mathieu / Nicolas / J / M

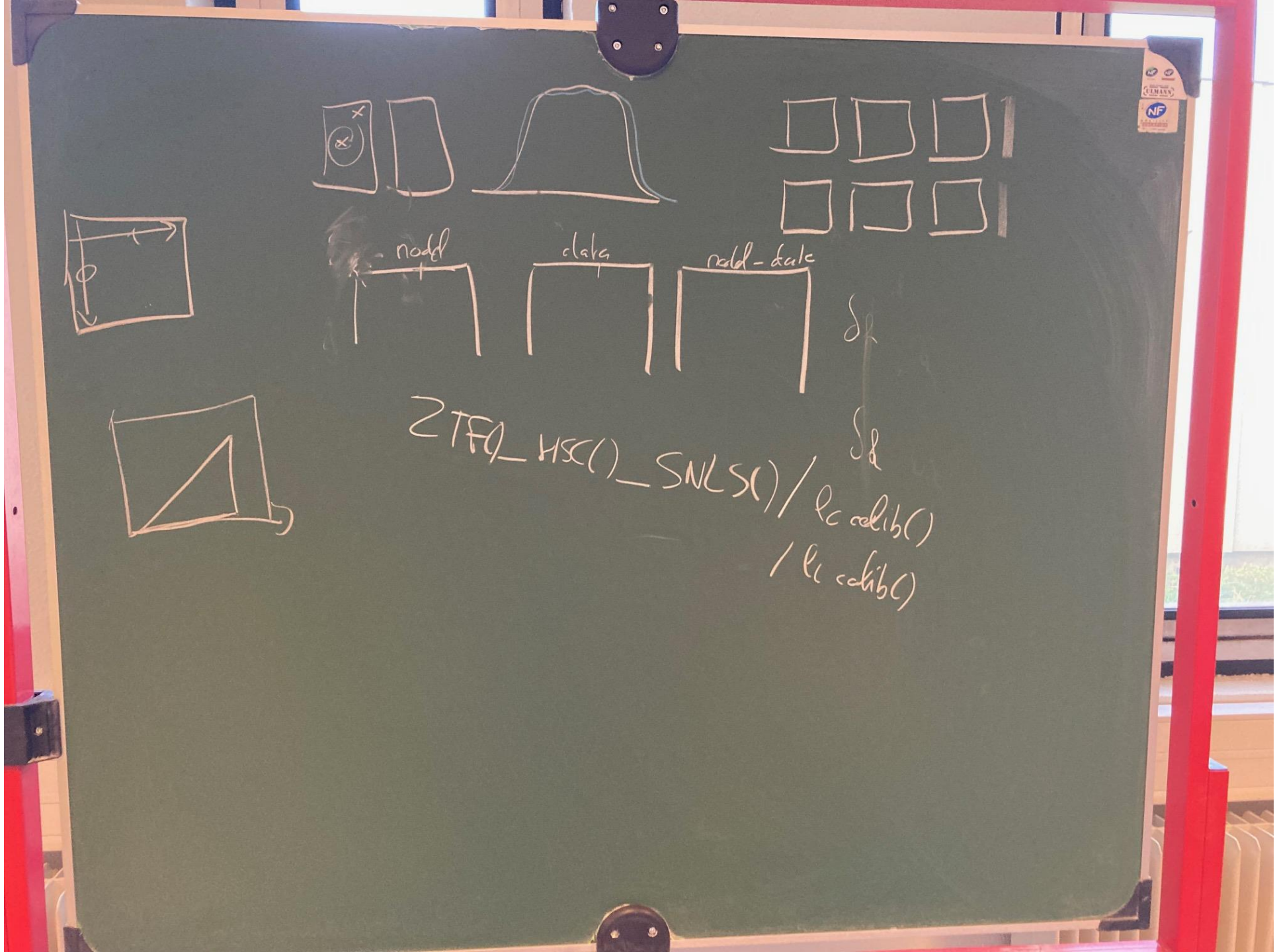
  - Profs (qui comment)
  - Blinding procedure / Expansion.

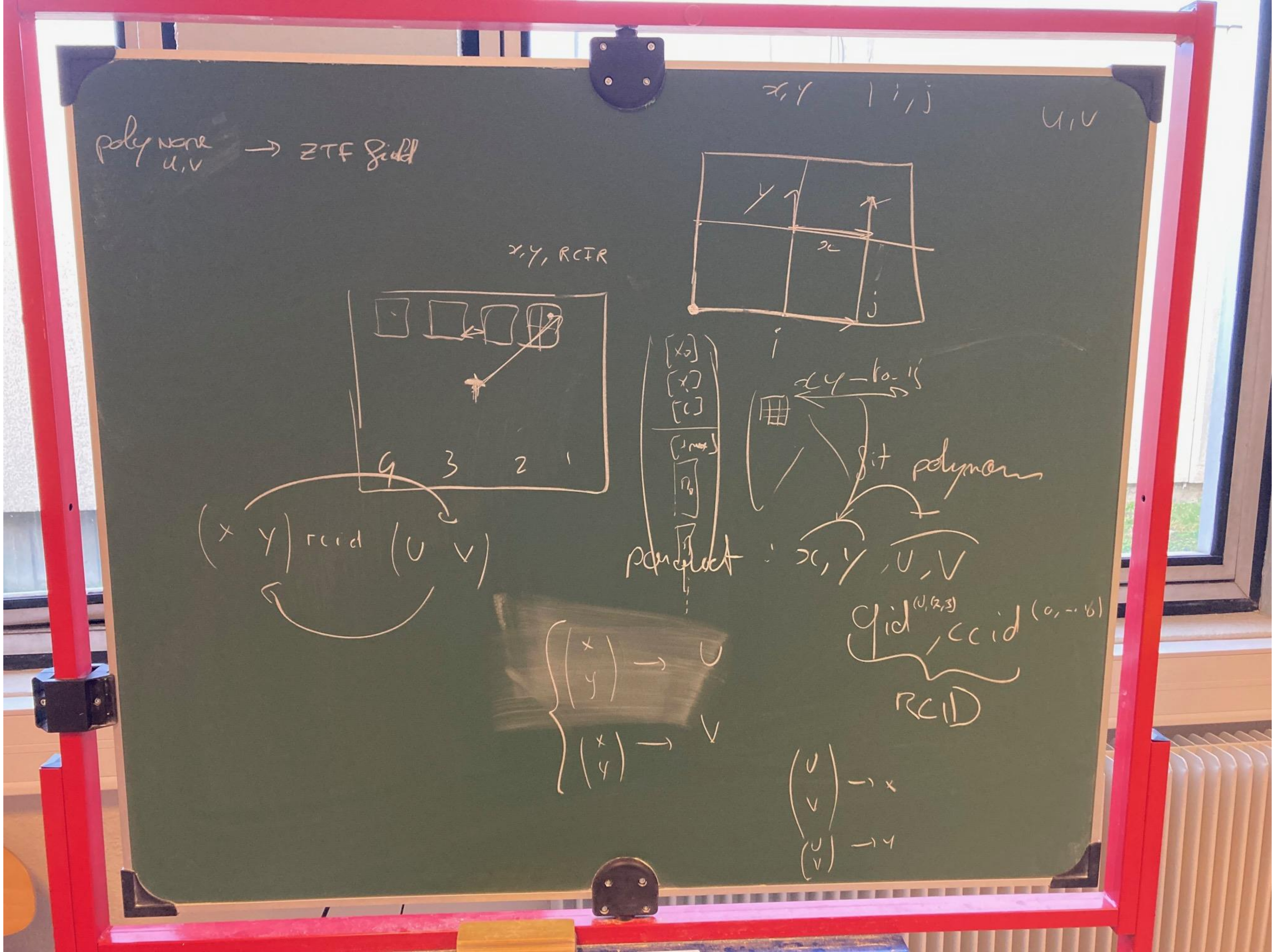
- Chasse aux étoiles Subaru (N+M)

SNLS
- Beaux plots / Modèle plot

Marie
- plots Sk(xi)
- plots de validation des filtres

Filtres (faire)
- Comment change filtre des coins?
- Conclusion façons filtre.
- Plots Sk sources PF / Verif / Modèle PF?
- Résidu CS / SNf -> façon Cam
- Plot filtre / SNLS


nodd
data
nodd-data
2TFQ_HSC()_SNLS()/lc_calib()
/lc_calib()


poly nome
u,v
→ ZTF field
x,y | i,j
u,v
x,y, RCID
4 3 2 1
x y rcid U V
fit polynom
x, y , U, V
gid ccid
RCID
x y → U
x y → V
U V → x
U V → y

$\langle \quad \rangle = 0$

$m(\vec{x}) = m_s + \delta_{ZP}(\vec{x}) + \delta_{k(\vec{x})}(g-i) + ZP(esq_0)$

$\langle \quad \rangle = 0$

- model / CCD suffisant

$m - \tilde{m} = ZP + \alpha_{CCD}(g-i)_{BP-RP}$ — $rms(\alpha_{CCD})$

mesure flux

α

$g-i$

model — $\langle \alpha \rangle$?

model/CCD

~ 0.5 mm

m_1

m_2

λ_1 λ_2

$m_1 - m_2 = c(\lambda_1 - \lambda_2)$

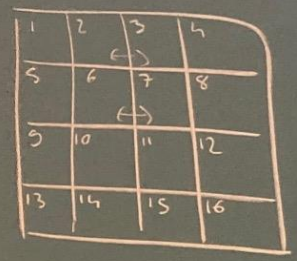
$c = \frac{m_1 - m_2}{\lambda_1 - \lambda_2}$

$m_1' - m_1 = c(\lambda_1' - \lambda_1)$

$= (m_1 - m_2)\frac{(\lambda_1' - \lambda_1)}{(\lambda_2 - \lambda_1)}$

_Donnée Marie → normalisé

_Cleaning : outlier



↳ threshold = 0.9

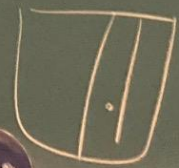
↳ ϕ ≠ 0 ⇒ = 0.5 entre $700 \leq \lambda \leq 900$

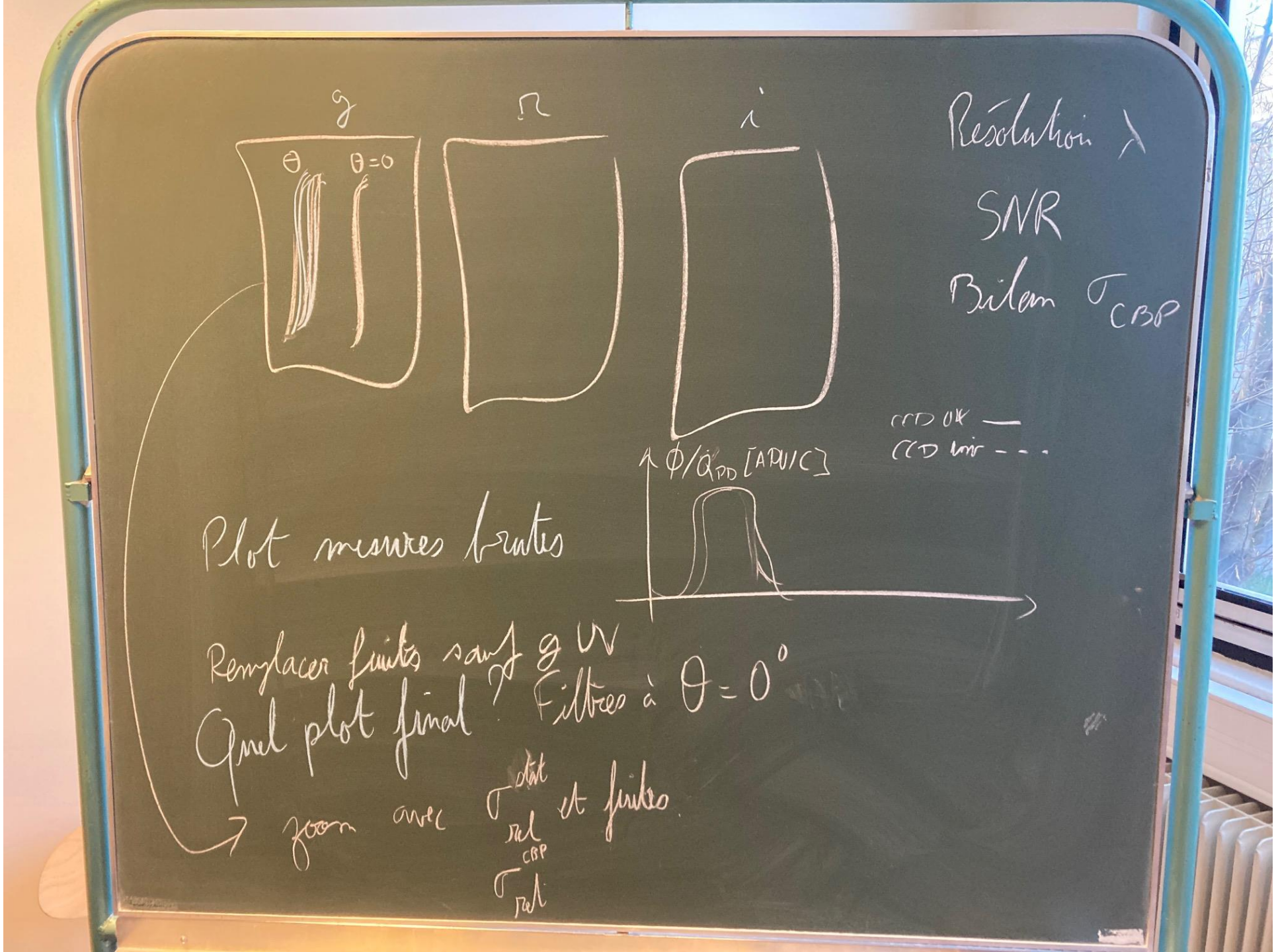
global_background/exptime < 1 ct nm

↳ remove > 5 × median (hors-bande)

⊕ cleaning ⟩ spectro (à fournir)

↳ remplacement des CCD mediques (g2,36)




g
Ω
i
θ
θ=0
Résolution
SNR
Bilan σ_{CBP}
CCD OK
CCD usé
Φ/Q_{PD} [ADU/C]
Plot mesures brutes
Remplacer limites sans g UV
Quel plot final ? Filtres à $\theta = 0°$
zoom avec σ^{stat}_{rel} et limites
σ^{CBP}_{rel}

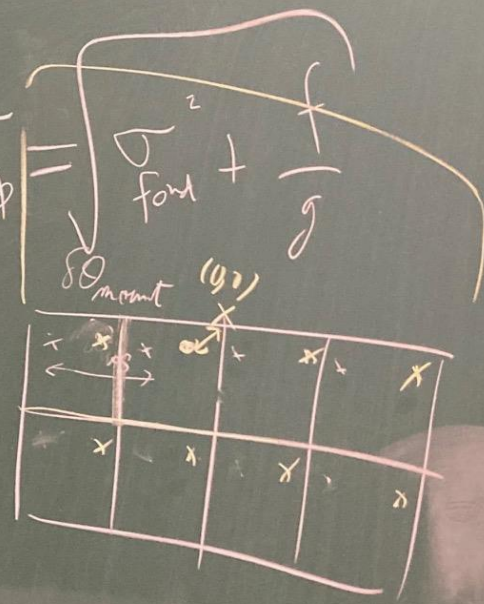
Bilan σ

- Spectro calib sypt ⊕ stat ⊕ remplacement > absent (+0,1 nm)
- n et Θ ?

- ϕ / Q_{PD} stat (ap_flux, pd_charge_par_bunch_ecr)
- CBP norm sypt (fournis code)
- $\sigma_{QE\ CCD}$ théoriques
- Voyotage de la caméra ?

$$\sigma_\phi = \sqrt{\sigma_{fond}^2 + \frac{f}{g}}$$

$\delta\Theta_{moment}$ (g,r)




NE PAS DÉPLACER
LES TABLES
SENS DE CIRCULATION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