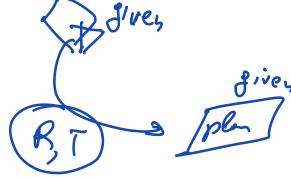
Parenthesis:

$$P_{1} = P_{2} + T_{1}$$

$$\begin{pmatrix} \rho \\ \rho \\ r \end{pmatrix} = \begin{pmatrix} \bullet \\ \bullet \\ O \end{pmatrix} + T$$

TODAY:



Pore from Proj: 21 -25 -57
Two vieur Roj. Trans: 20-20 => R,T
Huo vieur from e 3D stouchure
Structure from Motion (Sf4)
n-viewr: Visuel SLAM
viral odometry
AR project farnihere option l: on Grown pattern (R71 w.v.t rettern
option l: on livour pattern (R,7) u.v.t rettern
option 2: on the 1st frame (R,7) w.nt. 1st frame)
Today Sf 4 on view of ushyows
D'III
Wishel Sfly your position

U.r.t 1st frame (Gretchen & Honnel)

Niouel Inerbial Oslowetry ViO Bundle Adjurtuent (BA) (Photogramme by) R,7 & direre de viewr (not cuotion) (capture reality sold to EA'C GAMER) Bundler Merhook

Jos calibrated views

path in tegration

Path in tegration

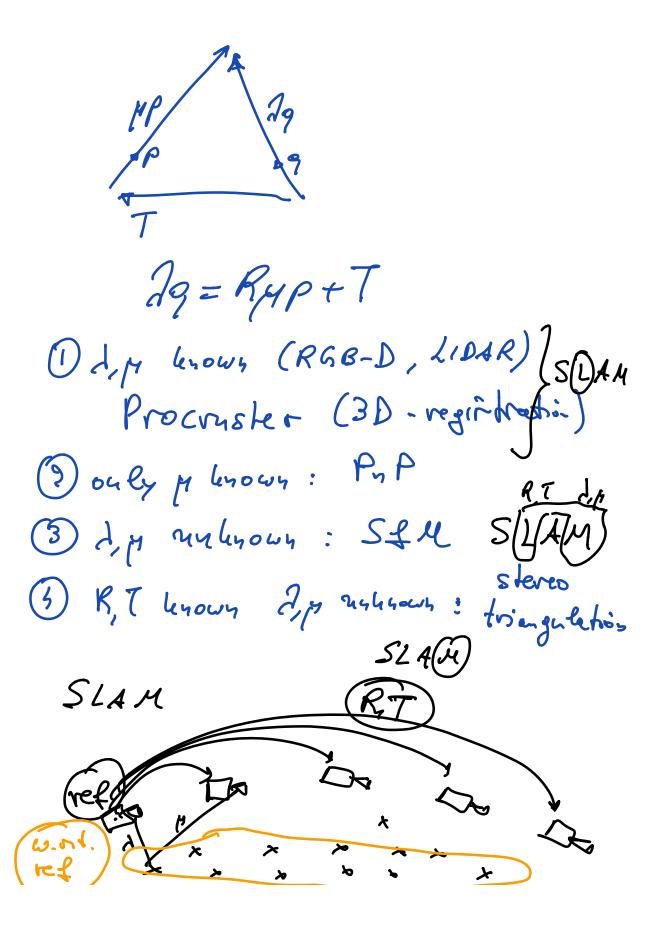
Mais chall engé: "wetching"

Correspondence "tracling"

Ag = RMP + T

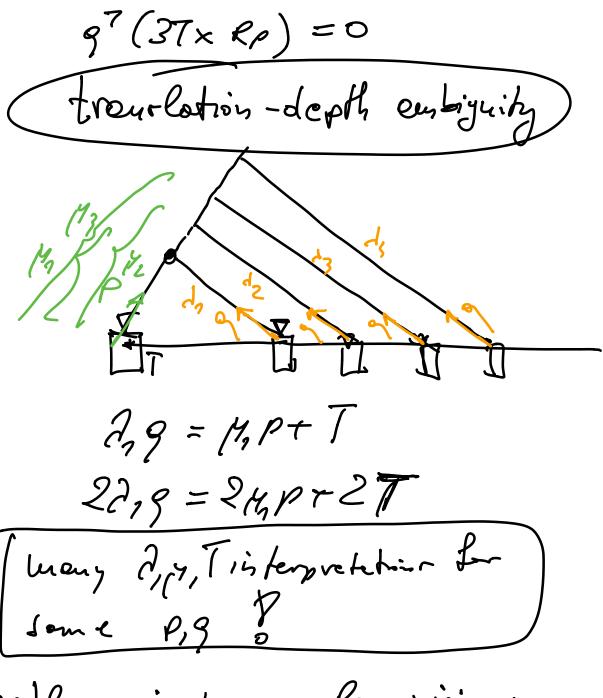
celibrated

un colibrated 2Kgiz = Rykpix + 7



(Slm): 19= Ryp+1 given: multiple (f.9) (Px, Px, 9x, 95) frid: (R, T, d; M; key idea: elicuisate of y Takk $(T \times R p) = 0$ rajection of the some point

#3D poist projected plane spanned by 9, 7, Rp ir celled epipoler plene. 9T(TxRp)=0 epipoler constraist eq; auhnown 3 R If T is a solution then IT is a solution ?



problem in monocular vivion:

— non-predator (Lirds, horrer)

— many humans

97 (Tx Rp) =0 11/11 connot be recovered. (5 unknown K27 => (5 points) would solve the prosteen but the equations one non lisear is (R,T) prochice 11711 = 144 (iscrbial) 11711 = stereo system 17/1 # height of commerce (see ground posish)

