heature 5 16/09/2014. MD 868. Projective Geometry. P^+1 carriche the space of all Cx-dim. rector subspaces. Gg(1,n+1) = P" = DP". Short a Käller metric on Pa look like? Work in charts. For conds 70, -- > 7000, M= {z, fo}. Np = { Zp}. I induced overlinate  $\left\{ t_{QX} \right\}_{\delta=1}^{\infty} \left\{ \frac{Z_0}{Z_1}, \dots, \frac{Z_N}{Z_N} \right\}$ Similar, { tip }= { \frac{1}{2p}, -, \frac{1}{2p} = 1, \dots \frac{1}{2p}} transter. en Na MB: umbtiplication hr. Zi - Jap. (70/+ -- + 12n/2. F. i 27 (2 Enc.) =? pn n. : 200 (-1-70/2--- + 1 7/2). on Mp: 105 (13/2+ --- + 1 3/2). Jup m Na Mp fp = fx \[ \frac{2x}{2p} \]^2.

5, 125 fp/ name & 5 28 fg/ 12pl.

Da the other land; Jup un 200 on Mx Mps habourphic. log fo = logfor + plumhammic So, > idd legte = in log fa. Low 2:80 by ( \$7012+ -- \Zm2) Tr. F 101 -> P. is a globally defined (1,1) - for on P. line Sindles: M= Valla, Ma fixta. when & Ma -> R. fretin & m. Ux. and sidder = in do des on Ma Mys. side (). Carrida State. She = etc. lu or coarle,  $2e_x = -log(|\frac{z_0}{z_x}|^2 + ... + |\frac{z_n}{z_x}|^2)$ .  $e^{2kx} = \frac{|z_0|^2}{|z_x|^2} + ... + |\frac{z_n}{z_x}|^2$ ,  $g_{xy} = \frac{z_x}{z_y}$ ,  $0. |a|^2$ - hx/9xp/2 = hp. 2 P ( is franklin)

9

gos - hunt freth on Il, Jap 9pr gra = 1 } => { gap } & H (M, 0\*) Side rende (2) The Sold to Sime Andrew of the Sold of the Solde Egypt. compands to Remphism class of is line knolle. authophy film by Regas. Back to in example ? P<sup>n</sup> hobourphie section of line hubbe. S= {Sx's x. Sx: No of bulmphore from. Sx = 9x88b. Exouple (on exouple) Sx = Zx Fix 8.

Sx = Ax on Mx.

Tx.

Back to send line hudle:

Chapter to the total? Steps: (planty): Debut mln. Sk = 9 mp Sp. Confirming

D. All hplgapl' = ha., door. Consultine of K-milled: christofel symbol  $\frac{\nabla_{2}}{\partial z_{i}} = \frac{\partial}{\partial z_{i}} = \frac{\partial}{\partial z_{i}} + \frac{\partial}{\partial z_{i}} + \frac{\partial}{\partial z_{i}}$  $\frac{\sqrt{3}}{37} = \frac{\sqrt{3}}{37} = \sqrt{1} \frac{3}{37} =$ Singe of in penallel. or  $\nabla_2 \left( \overline{J} \hat{\sigma}_{i_j} \right) = \nabla_2 \left( i \cdot \nabla_2 \hat{\sigma}_{i_j} \right)$ J V3 32; + ( 27) 37; -> (1,0)-type. => Ti's are the why relaxan christ. Symbo. \* Thinking of g box a funition. auch ?

Mej let [9ii] is (ginglin) == gitgit, ne - git gst gstré git, n. Composite ---Bade to go RTP example: 120 2005 (12012+.+12n12). = 2 2 log ( (+12,12+...+ (2,12). in Zes or Coordinates. 917= ?  $\partial\left(\frac{\sum z_j d\overline{z_i}}{1+||z||^2}\right) = \left(|+||z||^2\right)^{-1}.$ [9:57 = (12112+1)27 7 27] eim of Si(1+112112) , A, (+ 1121)3 det [9:1] = . (1+11z112.)^-1. leg det [9ij7 = -(n+1) (1+1/2/12) = - (n+1) lug(1+1(2/12). = -(n+11 log(h). Rue = (n+1) (log h)ar = (n+1) ghre: Je, Ricci = n+1, So Kähler + Einstein.