\* Snapshots -> Infer evolution SunO Astrollo Fall 2015 Flux = 5 teff (Stefa Boltona) + Mass comosthan determa LO = 4x1032 eg/s MTRENEW entire lifeyell of stern 20 - 7x1010cm = 10R5 \* star spierrally symbol, isolated elseds, water an inal composition. ra 1 WO - 3 x 10, 2 = 10, W2 702 WE Pges - nkT (classical) ridealsas, no patrice new manufractis" Terro= 5800k TCO = 1.5x107K Pan = \frac{h^2}{3me} ne (3/84) 3 = 5x10 berg (molinson)
(nomerate mode) <P>0= 19/103= PARO PLO = 1505/m2 que = HULS 90-5x109cm bohrradius Force Balence (P=Pgus +Proc +Plus) tays ~ (freefold) Look at Hydrostate Equilibra then - Urganizateastees 30 millions 5 Ba= - 96 - 12 6WE at a=O(HE), dP =-P GM tage - Etimor any (bornall Shilling a Prestrat = nKT Isothemal Atmospher (Penkt) Promody = ZNKT h~ P - kT the protons 11 = Memor He = { ZiXi moint P= Pkt Scalehasit: Aprop I = E Xi Ai Junalthm -t- K= 1/2U (starsing blekes) Produs Pgas UZ3 (P)V (NR) Ponting of KT = Grung by Walton) (relationshipm) NO VI-KIEZOT Waloome photons U=aT4 o= ca (1.1ce selsu!) RAMO.75 50, Prod > Pg as at Manton 200 MO not bound: sue Exo (relationer may Man) ( Vales ( P) Poblase = 3 aTh tonfluxean, Lock Leds, Lede Kin Fragy Tarsport (tentral ecolors) Led & M Manonio KH contraction Radiotor 1 = +0 = kp Etorak, so KADINHOSTTORL Correction dorthanoit, since fision Tds=du-Padp adubate P=QUp by realth 1/2 rel Photos + Melle (Pred (Class) & = 10 TeV hight, but esting to 5 mm (KHZ hight, but esting to 5 mm) & X + 5/2, 1 contains sent to 5 mm (Lender but vers) Uxpo, Papari beari Teternes doments intention! NP, TX pls Sout 3 Pape E(8)X/el/noionaros leady but Vest Vp Instability > transmission << traiting tome of pTK contout 100 photos (Vect F = -4 LD(OTY) (Roberto de) detone 545610h=5 freefree ds (0 - s prossure believe mospetan Thousansuling (Hight) oracle (K EO. Meny) S THOOR MIZIPERULLING toya KK transchan Sydnotralid) Phone-Pa Thisis'H photon rendom, Star formation Expressions Right walksets Linster Hotisu nowans 10th Southher + ~ /webrut vasalatres ~ 20 days restrict atoms of missions loss 3 somes dent > 1 dlap futypultner R7/18 (Rendom Walk telt - Un t = hkt pr grander of or SOMO (7/100) 1/2 or for hours 1 Pad Ledd > 8-1 KT The more weeter M= /3MO Fully Coneche Stars they top = 10 / ( "/100 cm) " (Ledde) Fore Beline nict - Bout TH Shakere

par gany grany grany grany granyuns Tewst Mungleghie = alt Since POLD For QM Eigrean presse Coneutran Fye uses = px3c3 1 to 17 (3/1 Polytrymoders Pc Kp8

differency eg for sier

12 t 1,3,0

(Krype) -10,0

(So) Mars only praneter)

The state of the state acid whate Paps, Taps-1 SO) 1 1 1 -8-1 69 ((£ 550 12)) ( Br) ( Br) 3 may intrum nT -> Mf1 => frey menting Present (3) hrs test - fraguetalluse tenster! (comme (2) Z.at HE, Styriodrands LXM4/7R2 Test 24000K logs Cont Description of the property of the proper Itigher mais - Eventually radiatrecore so less time concerne

