1. Viole - Sman's Tutorial Definition (*) us is P(w) = L(uB)[6] for some GeV
which is P-mox generic over L(uB). (4) us => L(uB) [6) + NS is saturated that it's not claim if (*)us => V = NS b saturated. Jo may places Two should be replaced with Assure 10 + Sealing. Then: TVVJ = TBod 3 (1) (4) us + NS is saturated > The fix. => The (A) The (Hoz, NS, A: Acus) is madel complete. (ii) (+*) NB > (*) NB. Full tet $e_{\Delta s, uS} = \int_{0}^{\pi} e_{\Delta s, u} \int_{0}^{\pi} R_{s}^{s} ds$ and $\int_{0}^{\pi} e_{\Delta s, u} \int_{0}^{\pi} e_{\Delta s,$ Our exions are $\sqrt{2} R_{\mu}(\vec{x}) \iff \phi(\vec{x})$. Theorem
TFAE for T2 ZFC to 1 NB, NS + LC + Sealing, and 4- a T/2-sentonce of Eso, 43,NS. (i) of is Rus is consistent YR2T (ii) (Hwz, EAz, NS, R& & DEQ) & N in models of T+MMH

(iii) of in the model compression of T + Try +2REQUESTS

+ Sealing

2. Definition Civen 2-thony T, The state of unword soutences TWJ = / YE DT = : T/7/ Ciron As Tx2, TA = 2 ~ [Ry: 1/0] [A] · Sfr: (ty)eAs Assure I is to theory 1.t. The Had Ily 4 (2, y) for of (4.1) EA. Then every make of T has a unique expansion to a 74 - most of T+ Vã / p(x) c > R + (2) + VjV2 (4/2,y) = fg fx (2)=y) Definition Cien & - theories Tis , . Hey are aboute astheories if A TKO = SKO. S is the absolute model companion if Tis one absolute cothernes and S is model complete. The (Q, +, 0, 1) vos + Th(C, +, 0, 1) vos Fa (241=0) but To is the model comperion of So, Definition Ciron 1-theory T, SPECANC (T) = { A = 2 x 2 : T + Axi, < fil) + All

Theorem Assure A = AMC IFC = A.

A c 3. Sman's & Tutorial

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Theorem Assume A & SPECANC (T) T2 XFC &s.

(i) If CH remains E2 in T+ Ax; < file 4. Then CH& AMC (7+Ta)

T+Tz,A