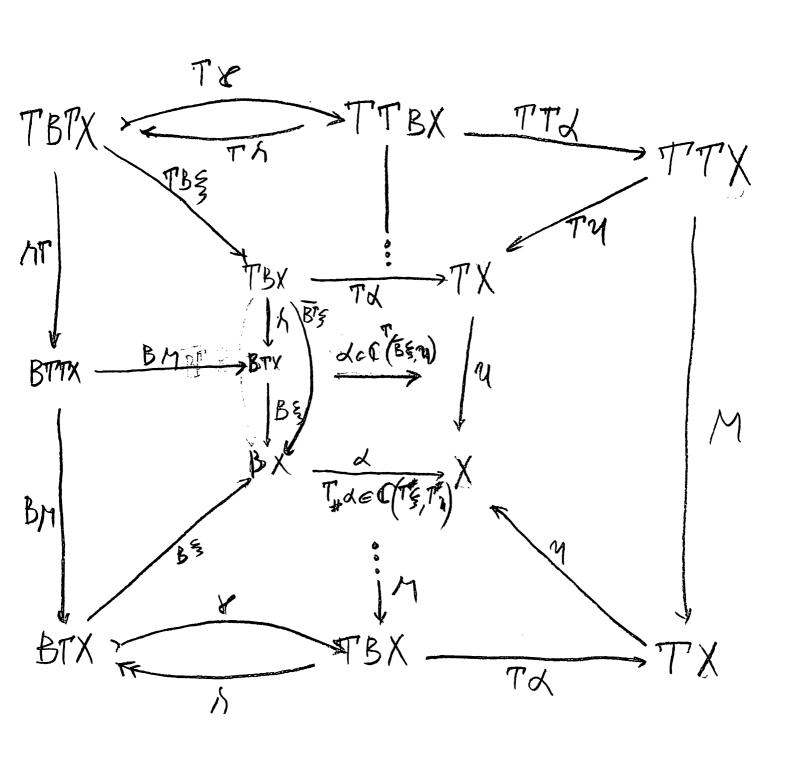
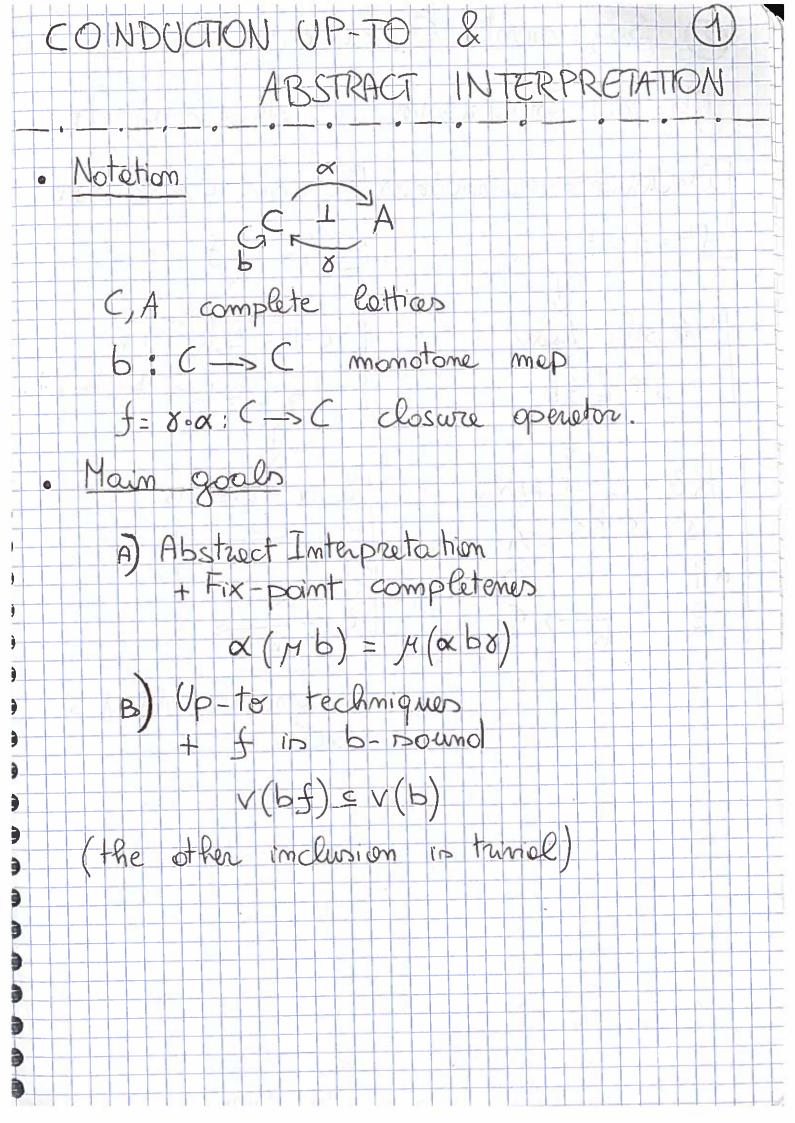
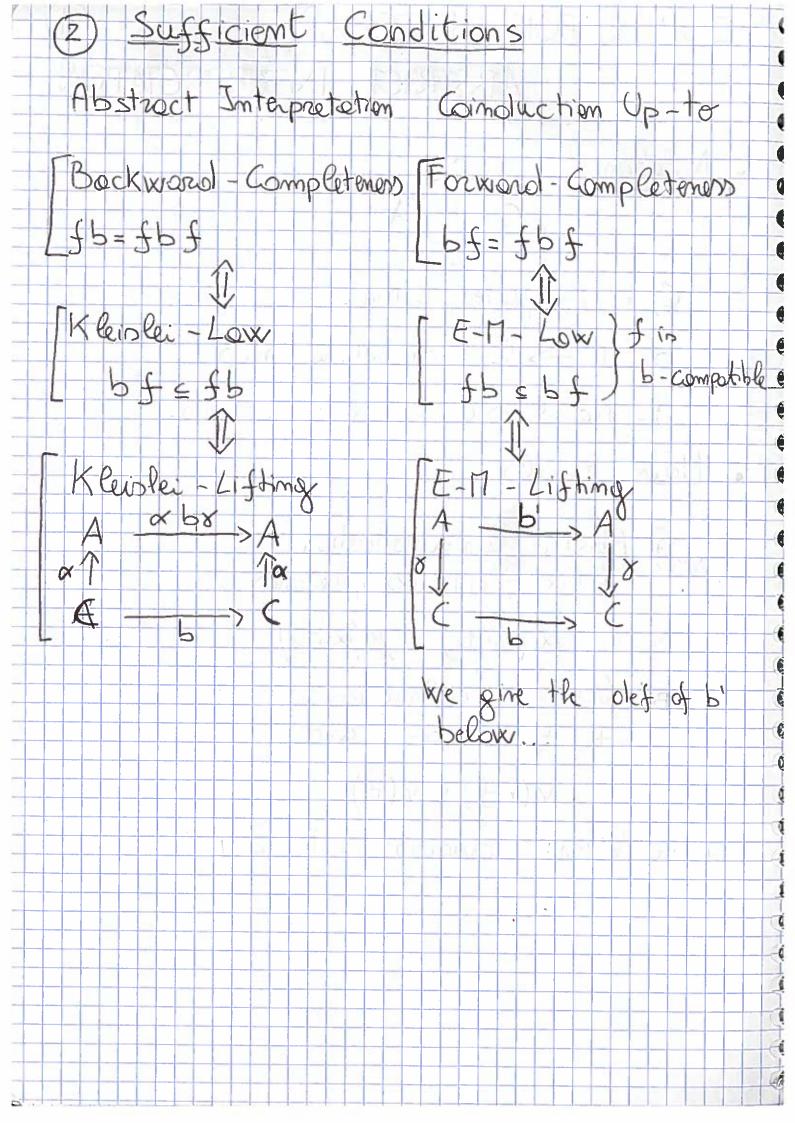
D Distributivities TB T#B =4B X) B TBy BT B By (2) Lifting of 3 (2)

C = 0 Alg(B)

FUL = d







(3) Theorems + Councit POPL 1977 Kleisli-Lifting => Fix-point Completeners. PROOF We assume b to be Scott Continuous b (b dm) = 10 bolm for all olinected de So by the Kleene Theorem, we here MP = 0 PMCHO) We have that $\alpha(Nb^{m}(+)) = M\alpha b^{m}(+)$ since or in left-eolgoint. M(aps) = 0 (aps) (TA) by implication on m: & bm(tc) = (x b8) m(ta) m=0 x(+c) = 1, m+1 058 (058) m (+A) = 8580 5 m (+C) = Klein P. Lifting of 5 5 m(Ic) = or 5 m+1 (Ic) V + Songiong Pour 2013 fis b-composible => fisb-sound PROOF $x \leq bfx \Rightarrow fx \leq fbfx \leq bffx \leq bfx$ => by Knoster Tarki X < fx < Vb.
The obstement follows for x= Vbf

