## HIDTERH 18.12.19 Yxchild(x) => Hoppy(x) => => = y Holes H(y,x) Yx Yy (porent (y,x) x child(x)) => MollosH(y,x) Mother (Anno, Paola) Child (Poolo) CMF: -child(x)V -Hoppy (x)V MollesH(F(x),x) UB= }}-child(x),- hoppy(x), Mollest( F(x),x)31, 2-1 child (x), TMOHOSH(F(x),x), -child(x) v - Hellest (F(x),x) v Happy (x) - poreut (y,x)v - child (x) v Mohest (y,x) hoppy(x)32, &- porent(x,y), -child(x), Makes H(4,x) 33, [Mother (Anna, Paola) 34, Mother (Anna, Paola) Echild (Paola) 353. Child (Pools) Those to add: Yx Yy Mother (x,y) => Pareut (x,y) -> ?- Mother (x,y), Parent (x,y) 36 There to negate the thesis: 2-Hoppy (Poole) 34 U and 7 => } Pareut (Anne, Paole) 38 8 and 3=> 2 - child (Pada), Mallest (Anna, Paola) 39 9 and 2 => { - child (Pada), Happy (Paola) 310 10 and 5=> & Hoppy (Paolo) 311 11 end 7 => {} Correct. $\forall x \forall n ((Person(x) \land CF(n) \land Hes_CF(x,n) \Rightarrow Chor(n,16))$