(x))=F, means and VI(3xq(x))=F

5

U- anfachienable N- Nouwegian D-Dane € fredicates 5- Sueen IX. Nonviegian (x) A unfachianafole (x) b. + x . Dame(x) -> Nannegian (x) C. Fx. Suler (x, Andrej) 1. Ix. Nave (x) A Sneem (x, Andrej) e. Hx. N(x) -> S(x, anduly) f. 4x7y.N(x) 7 y.S(x, y) HX. N(x) 1. (x) > D(Bjørnson) S(x, Bjørnson) h. Fxty N(y) -> S(y,x) i. Exty. U(x) MD(x) A 5((N(y) 1 V(y)) > 5(x,y)) j. 7x Hy. D(x) 1 U(x) 1 ((N/y) 1 U(y) 55(y, audiej)) > 5(x, y)) (ii) 1 (iii) 3 (ii)3 =(iii) 3 (iv) 2 4 ((i)) 1 (iii) 3 (iv) 3 (111) 3

