## Skolemizacija

## Primeri

- 1. (3x) (xy) P(xy) ~ (4y) P(c,y)
- 2. (XX)(Jy)Q(X(y) ~ (YX) (Q(X, f(X))
- 3. (30)(4x)(37)(3r)(42)(3+) (P(4,x,4) / P(0,x,2) => P(4,2,6))

[UH> c]

[yp fox] [v + g(x)]

[t > h(x)2)]

(XX)(NZ) (P(e,x, f(x)) / P(g(x,x,t) =) P(f(x),Z, h(x,t))

## KHAUZALNA FORMA

Primer Transformis ad formula F u Elawaduru formula F= (4x) (3y) P(x141) => 7((3x) Q(x) v (4x)(4y) 7P(x141)

$$F = \frac{1}{2}(4x)(4y) P(xy) V \frac{1}{2}(2x)Q(x) V (4x)(4y) P(xy)$$

$$= \frac{1}{2}(2x)(2y) P(xy) V (1(2x)Q(x) A \frac{1}{2}(4x)(4y) P(xy))$$

$$= \frac{1}{2}(2x)(2y) P(xy) V (4x) Q(x) A \frac{1}{2}(2x) P(xy)$$

$$= \frac{1}{2}(2x)(2y) P(xy) V (4x) Q(x) A \frac{1}{2}(2x) P(xy)$$

$$= \frac{1}{2}(2x)(2x) P(xy) V (2x) Q(x) A \frac{1}{2}(2x) P(xy)$$

$$= \frac{1}{2}(2x)(2x) P(xy) P(xy) P(xy)$$

$$= \frac{1}{2}(2x)(2x) P(xy) P(xy) P(xy)$$

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= (2x)(2y) TP(xy) V (42) TQ(2) x (2w)(2w) P(u,v))
= (3x)(3y) TP(xy) V (42) (70(2) x (2w)(2) P(u,v))
= (3x)(3y) TP(xy) V (42) (3w)(3v) (70(2) x P(u,v))
= (3x)(3y) (7P(xy) V (42) (3w)(3v) (70(2) x P(u,v)))
= (3x)(3y) (42) (3w)(3v) (7P(xy) V (70(2) x P(u,v)))
= (3x)(3y) (42) (3w) (3v) (7P(xy) V (70(2) x P(u,v)))

[xxx a] [yxx b]

(x2) (3w) (3v) (7P(a,b) V70(2) x (7P(a,b) V P(u,v)))

[xxx a] [yxx b]

(xxx) (3w) (3v) (7P(a,b) V70(2x) x (7P(a,b) V P(u,v)))

[xxx a] [yxx b]
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(42) (MP(a,b) V TQ(ZI) x (RP(a,b) V P(f(ZI)g(ZI))