Fox calculus and J

January-25-13
9:41 AM

Using the prior J called P

$$P_u(bch(\lambda_x,\lambda_y))//CC_u^{\lambda_x} = P_u(\lambda_x)//CC_u^{\lambda_x} + P_u(\lambda_y//CC_u^{\lambda_x})$$

Becomes

$$P_u(bch(\lambda_x,\lambda_y)) = P_u(\lambda_x) + P_u(\lambda_y//CC_u^{\lambda_x})//C_u^{-\lambda_x}$$

Globalizing the arguments & letting $a \sim \lambda_x$
$\lambda_y = b//u \to a^{-1}ua$, get

$$P_u(a(b//u \to a^{-1}ua)) = P_u(a) + P_u(b)//u \to a^{-1}ua$$

Weird.