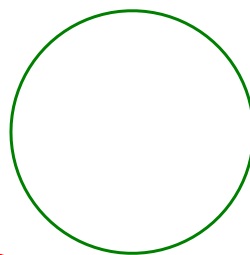
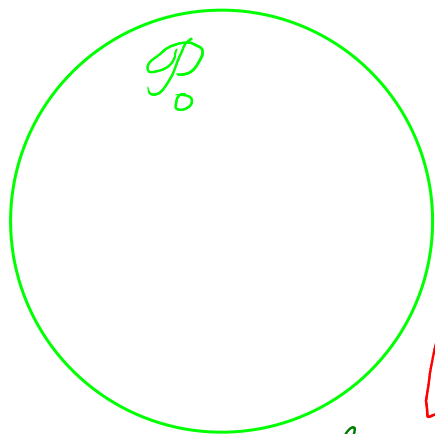


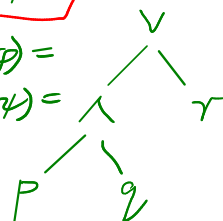
AST_s of \mathcal{P}_0



\equiv is finer than $=_{AST}$

because $\varphi \equiv \psi$ implies $AST(\varphi) =$

$AST(\psi) =$



\neq
 $p \wedge q \vee r$
 \equiv_{AST}
 $((p \wedge q) \vee r)$
 \equiv
 ψ

But $AST(\varphi) = AST(\psi)$ does not
 imply $\varphi \equiv \psi$

$\lambda x \lambda y [x]$

\neq
 \equiv_α

$\lambda u \lambda v [u]$