unique_set[12,41]

$\{!x{:}T \mid P(x)\} \equiv_{\mathrm{def}} \{x{:}T|\ P(x)\ \&\ (\forall y{:}T.\ P(y) \Rightarrow (y = x))\}$

clarification:

$\{!x{:}T \mid P(x)\} \equiv_{\mathrm{def}} \{x{:}T|\ P(x)\ \&\ (\forall y{:}T.\ P(y) \Rightarrow (y = x \in T))\}$

---

http://www.nuprl.org/FDLcontent/p0_942988_/p2_3725_{unique_set}.html