Inference at $*$
of proof for Lemma choicef_lemma:

$\vdash \forall \%xm$:XM, T:Type, P:$(T \rightarrow \mathbb{P})$. $(\exists a{:}T.\ P(a)) \Rightarrow P(\in x{:}T.\ P(x))$
by Fiat

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_97716_{choicef_lemma}.html