

Hiding Variables in TLA

“*Spec* with variable b hidden” is the formula that is satisfied by a behavior iff there is some way of assigning values to b in the states of the behavior that makes *Spec* true. This formula says nothing about the actual values of b in a behavior. It is written as $\exists b : Spec$. However, the TLC model checker cannot handle such a specification. The TLAPS proof system does not now handle it but may in the future. See [Section 18](#)[□] for more about variable hiding.

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