

Synthesized solution for benchmark 00smstrai.c

```

solution
├─ (Partial), cond:   $N > 0$ 
│   └─  $\left\{ \begin{array}{l} \text{Cond} : b_{10} \\ k_1 = (b_{10} \cdot () = m1(); +\neg b_{10} \cdot 1) \cdot () = m4(); (a_7 \cdot () = m11(); +\neg a_7 \cdot 1) \cdot () = m14(); \\ k_2 = () = m1(); () = m4(); () = m11(); () = m14(); \end{array} \right.$ 
│       └─ AComplete
│           └─  $\left\{ \begin{array}{l} \text{Axioms} : \{G = 1\} \\ k_1 = 1 \cdot () = m1(); () = m4(); 1 \cdot () = m14(); \\ k_2 = () = m1(); () = m4(); () = m11(); () = m14(); \end{array} \right.$ 

```

Remaining 3 solutions ommitted for brevity.