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MODULE *Add*

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EXTENDS *Integers*

VARIABLES  $x, y, z, end$   
 $vA \triangleq \langle x, y, z, end \rangle$

$InitA \triangleq \wedge end = \text{FALSE}$   
 $\wedge x \in \text{Nat}$   
 $\wedge y \in \text{Nat}$

$NextA \triangleq \wedge \neg end$   
 $\wedge end' = \text{TRUE}$   
 $\wedge x' \in \text{Nat}$   
 $\wedge y' \in \text{Nat}$   
 $\wedge z' = x + y$

$Add \triangleq InitA \wedge \Box[NextA]_{vA} \wedge \text{WF}_{vA}(NextA)$

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\ \* Modification History  
\ \* Last modified *Mon Oct 14 18:11:44 CEST 2024* by *lamport*  
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