

```
1 CONTEXT  
2   GenericCtx  
3 CONSTANTS  
4   S  
5   STATES  
6 AXIOMS  
7   axm1:  $S = \mathbb{R} \times \mathbb{R}$   
8   axm2:  $STATES = (\mathbb{R} \times \mathbb{R}) \times (\mathbb{R} \times \mathbb{R})$   
9 END
```