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1 CONTEXT
2   Robot_2_Ctx
3 EXTENDS
4   Robot_1_Ctx
5 CONSTANTS
6   ControllerSpeedLimit
7   ControlCoefficient
8   S2
9   AppDelta
10 AXIOMS
11   axm1: ControllerSpeedLimit  $\in \mathbb{R}$ 
12   axm2:  $0 < \text{ControllerSpeedLimit}$ 
13   axm3: ControlCoefficient  $\in \mathbb{R}^+$ 
14   axm4: NeighborhoodSimulationCondition(ControlCoefficient, SpeedLimit, ControllerSpeedLimit)
15   axm5:  $S2 = (\mathbb{R} \times \mathbb{R}) \times (\mathbb{R} \times \mathbb{R})$ 
16   axm6: ControllerSpeedLimit  $\leq \text{SpeedLimit}$ 
17   axm7: AppDelta = times(2  $\mapsto$  ControllerSpeedLimit)
18   axm8:  $0 < \text{AppDelta}$ 
19 END
```