CONTEXT
    ContSystem_Ctx
CONSTANTS
    S
    TIME
    plantVInit
    sigma
AXIOMS
    axm1 :   S=RReal
    axm2 :   TIME=RRealPlus
    axm3 :   plantVInit∈S
    axm4 :   sigma∈ RRealPlus ∧ sigma ↦Rzero ∈gt
END