Verification type	Sensitivity Studies (Grid and Parameter sensitivity)
Database reference	SEN-1
Topic / Application	Nuclear
Physics	Detonation DDT
Summary	Paper addresses some numerical requirements regarding the valid numerical modelling of DDT
Description	The paper provides useful guidance on the appropriate spatial resolution required to solve physical terms related to DDT. While theirs is one of a number of model implementations, nevertheless the guidance is useful for other practitioners engaged in the solution of flows with deflagration to detonation transition.
Case Title	MODELS AND CRITERIA FOR PREDICTION OFDEFLAGRATION-TO-DETONATION TRANSITION (DDT)IN HYDROGEN-AIR-STEAM SYSTEMSUNDER SEVERE ACCIDENT CONDITIONS
Authors	R.KLEIN et al.
Year	
Online reference	hardcopies and/or electronic copies on CD-ROM are available upon request from FZJ (werner.rehm@fz-juelich.de) or FUB (rupert.klein@zib.de)]
Case image	
Governing equations	
Results	

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