

Sharp interface exercise

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1 Results from DICTRA and implemented code

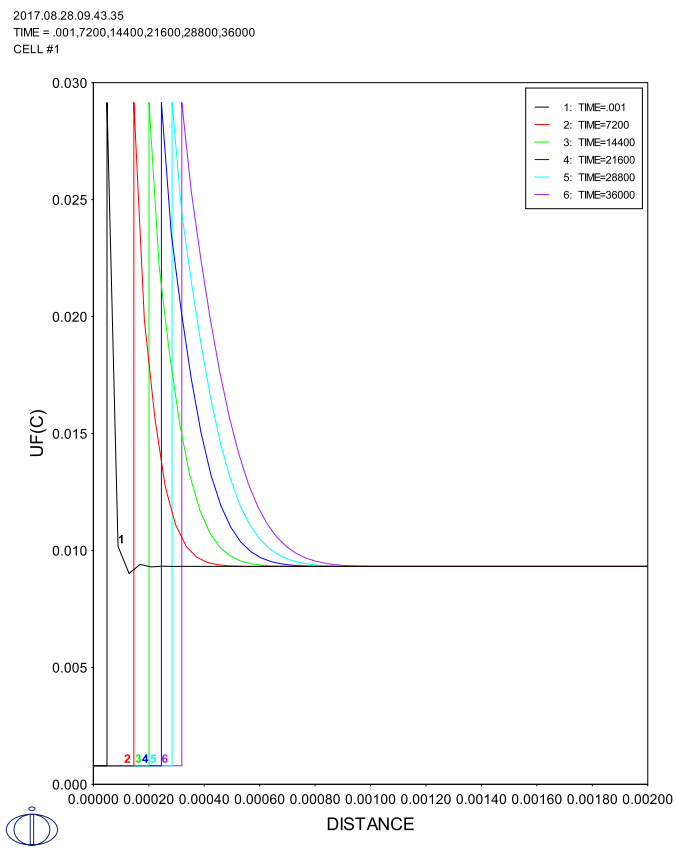


Figure 1: Dictra simulation results, ufraction of Carbon vs distance from left side of the domain

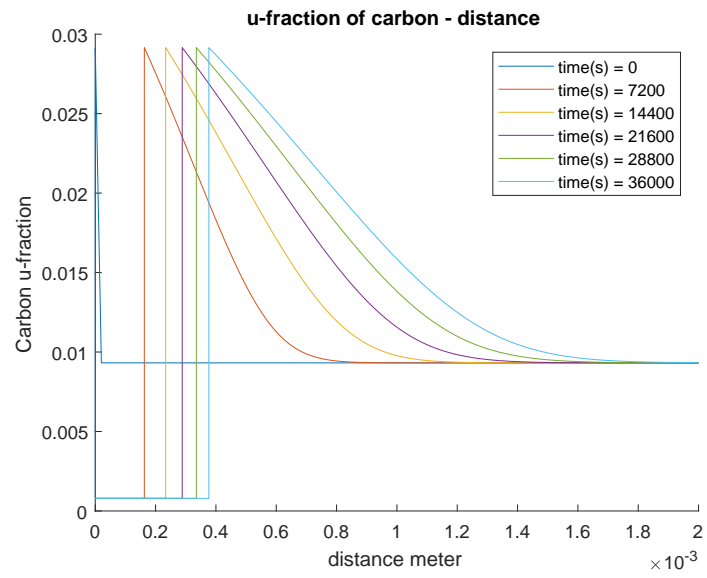


Figure 2: Matlab simulation results, ufraction of Carbon vs distance from left side of the domain

2017.08.28.09.50.47
LOWER INTERFACE OF REGION "AUS#1"
CELL #1

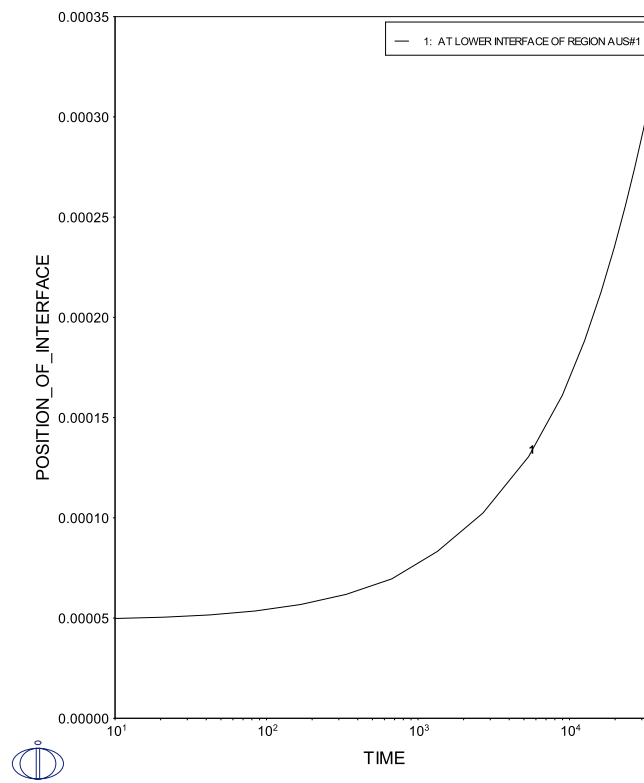


Figure 3: Dictra simulation results, position of interface vs log of simulation time

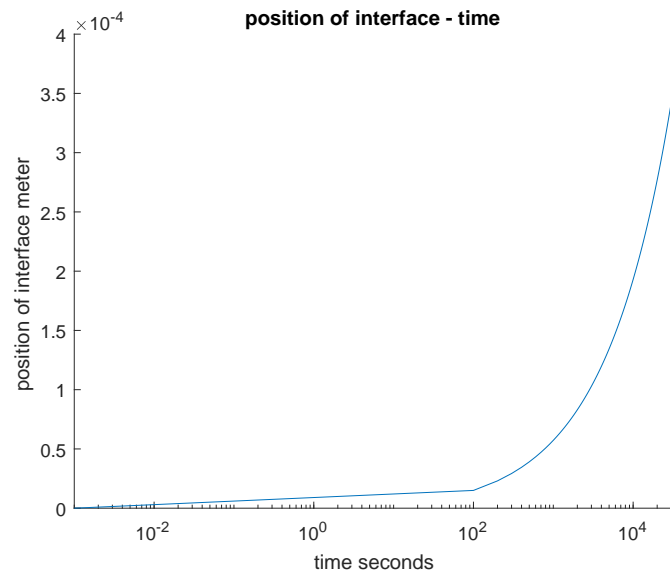


Figure 4: Matlab simulation results, position of interface vs log of simulation time

2017.08.28.09.52.12
LOWER INTERFACE OF REGION "AUS#1"
CELL #1

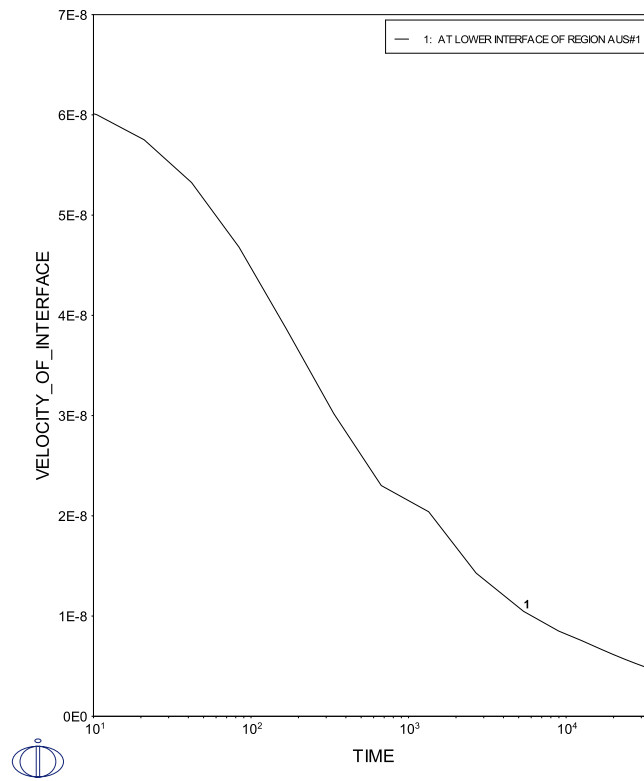


Figure 5: Dictra simulation results, velocity of interface vs log of simulation time

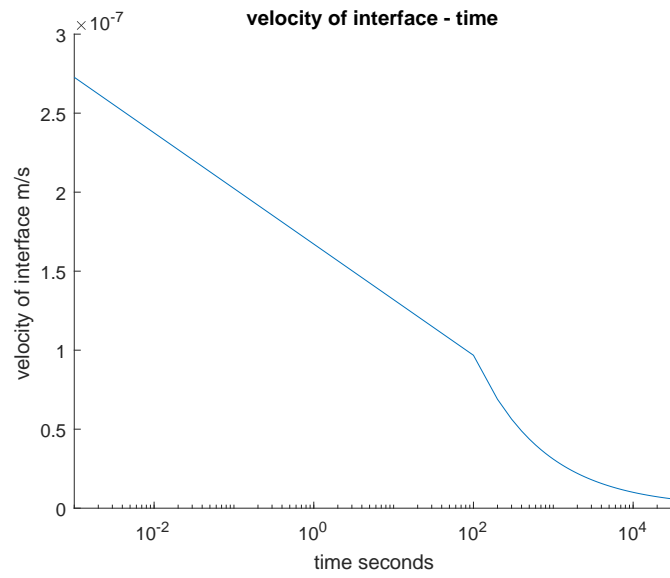


Figure 6: matlab simulation results, velocity of interface vs log of simulation time