# Movie Captions

• Movie 1: Evolution of the superadiabatic temperature field, for $Ra_{sa} = 10^7$ and $\mathcal{D} = 0.05$ in the anelastic approximation AA (see figure 5).

• Movie 2: Evolution of the superadiabatic temperature field, for $Ra_{sa} = 10^7$ and $mathcalD = 0.2$ in the anelastic approximation AA (see figure 5).

• Movie 3 Evolution of the superadiabatic temperature field, for $Ra_{sa} = 10^9$ and $\mathcal{D} = 0.05$ in the anelastic approximation AA (see figure 14).

• Movie 4 Evolution of the superadiabatic temperature field, for $Ra_{sa} = 10^9$ and $\mathcal{D} = 0.4$ in the anelastic approximation AA (see figure 14). impracticable.

• Movie 5: Evolution of the superadiabatic temperature field, for $Ra_{sa} = 10^9$ and $\mathcal{D} = 1.6$ in the anelastic approximation AA (see figure 14).