

# Movie Captions

- Movie 1 Movie 1 shows the temporal evolution of the flow structure for Rayleigh-Bénard convection in a two-dimensional unit square box for Prandtl number 0.021 and Rayleigh number  $5 \times 10^5$ .
- Movie 2 Movie 2 shows the temporal evolution of the flow structure for Rayleigh-Bénard convection in a two-dimensional unit square box for Prandtl number 0.021 and Rayleigh number  $10^6$ .
- Movie 3 Movie 3 shows the temporal evolution of the flow structure for Rayleigh-Bénard convection in a two-dimensional unit square box for Prandtl number 0.021 and Rayleigh number  $10^7$ .
- Movie 4 Movie 4 shows the temporal evolution of the flow structure for Rayleigh-Bénard convection in a two-dimensional unit square box for Prandtl number 0.021 and Rayleigh number  $10^8$ .
- Movie 5 Movie 5 shows the temporal evolution of the flow structure for Rayleigh-Bénard convection in a two-dimensional unit square box for Prandtl number 0.021 and Rayleigh number  $10^9$ .