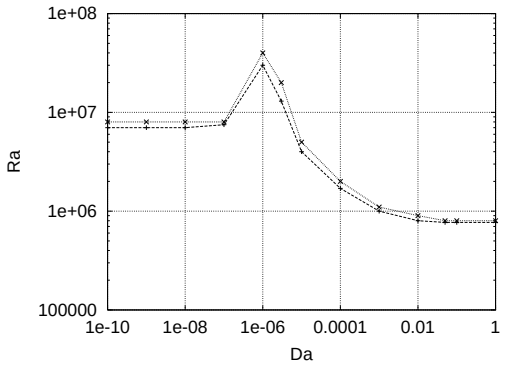
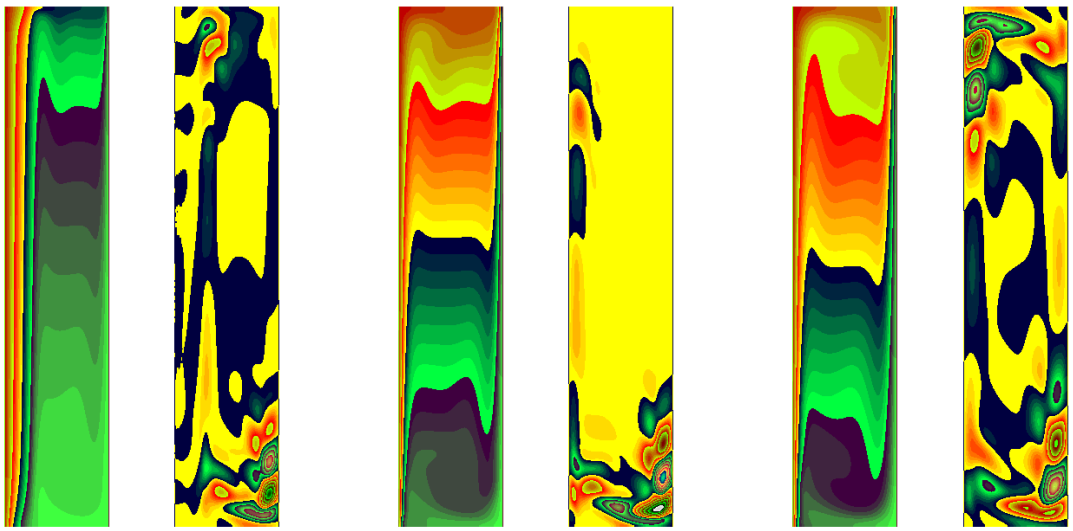


FIG. 1 – *Encadrement du Ra critique pour la cavité à ΔT imposé (cas 1), $Pr = 0.71$, $A = 5, e/L = 0.25, \lambda_s/\lambda_f = 1$, $(\rho C_p)_s/(\rho C_p)_f = 1$*



(2a) (2b) (2c)

FIG. 2 – *Champs de température instantanés et de fluctuations de température (cas 1). (2a) $Da = 10^{-7}$, $Ra = 8.10^6$, (2b) $Da = 10^{-4}$, $Ra = 2.10^6$, (2c) $Da = 5.10^{-2}$, $Ra = 8.10^5$*

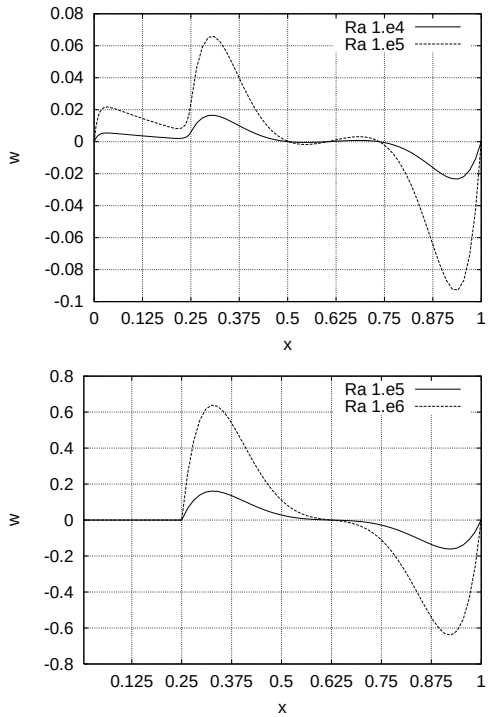


FIG. 3 – *Solution analytique (cas 2). Profils de vitesse verticale w, $e/L = 0.25$. haut: $\gamma = 12$, $Da = 10^{-4}$, bas: $\gamma = 10$, $Da = 10^{-7}$*

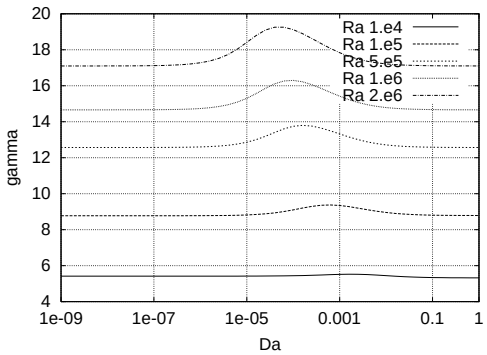


FIG. 4 – *En cavité fermée: γ en fonction de Da pour divers Ra, $e/L = 0.25$*

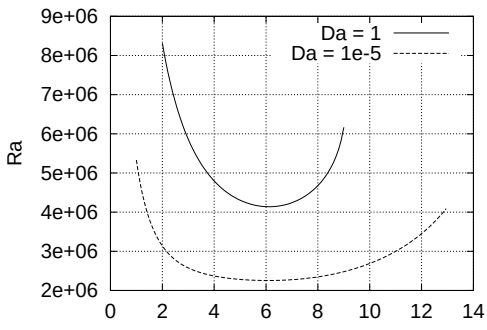


FIG. 5 – *Courbes neutres, $e/L = 0.25$, $\gamma = 16$, $Da = 1$ et $Da = 10^{-5}$*