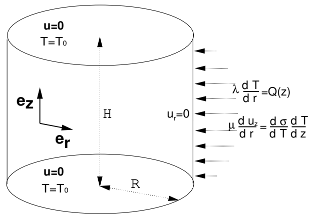
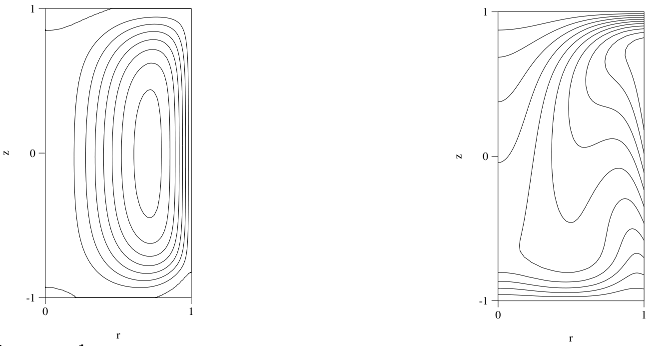


(Fig. a) : Géométrie et conditions aux limites



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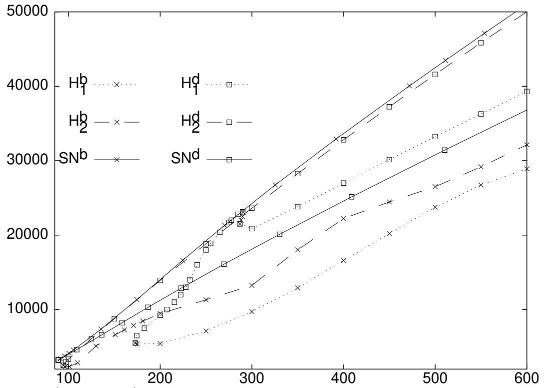
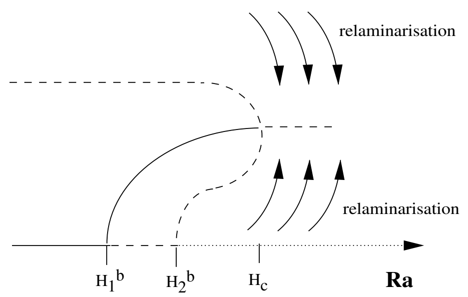
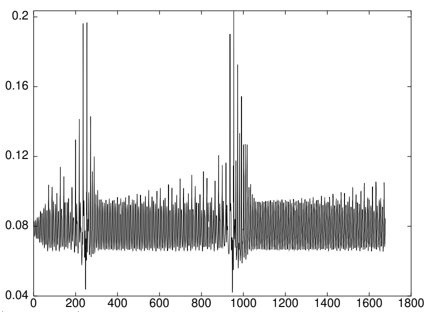
(Fig. b) : Champ stationnaire ($Ra = Ra_c = 62504$, $Ma = 0$)



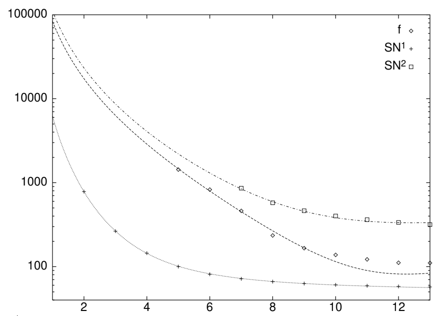
(Fig. c) : Evolution des bifurcations dans le plan (Ma, Ra)



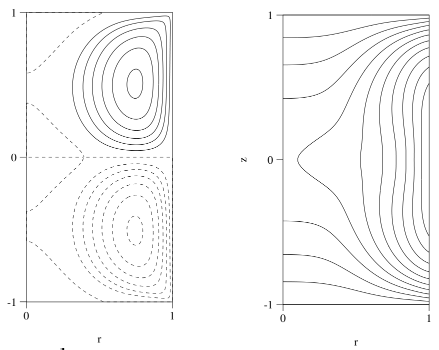
(Fig. d) : Diagramme de bifurcation des solutions stationnaires et périodiques avant Ra_{SN^b} ($Ma = 600$)



(Fig. e) : Intermittence temporelle $Ra = 34700 > Ra_{H_c}$ ($Ma = 600$)



(Fig. f) : Evolution des nombres de Marangoni critiques en fonction de n ($Ra = 0$)



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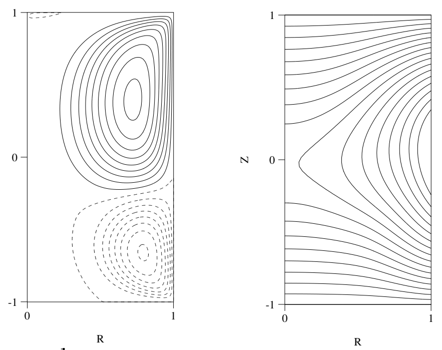
(Fig. g) : Solution stationnaire marginale à la bifurcation fourche f ($Ra = 0$)



Lignes de courant — Isothermes

(Fig. h) : Solution stationnaire marginale à une bifurcation nœud-col SN^1 ($Ra = 0$)