

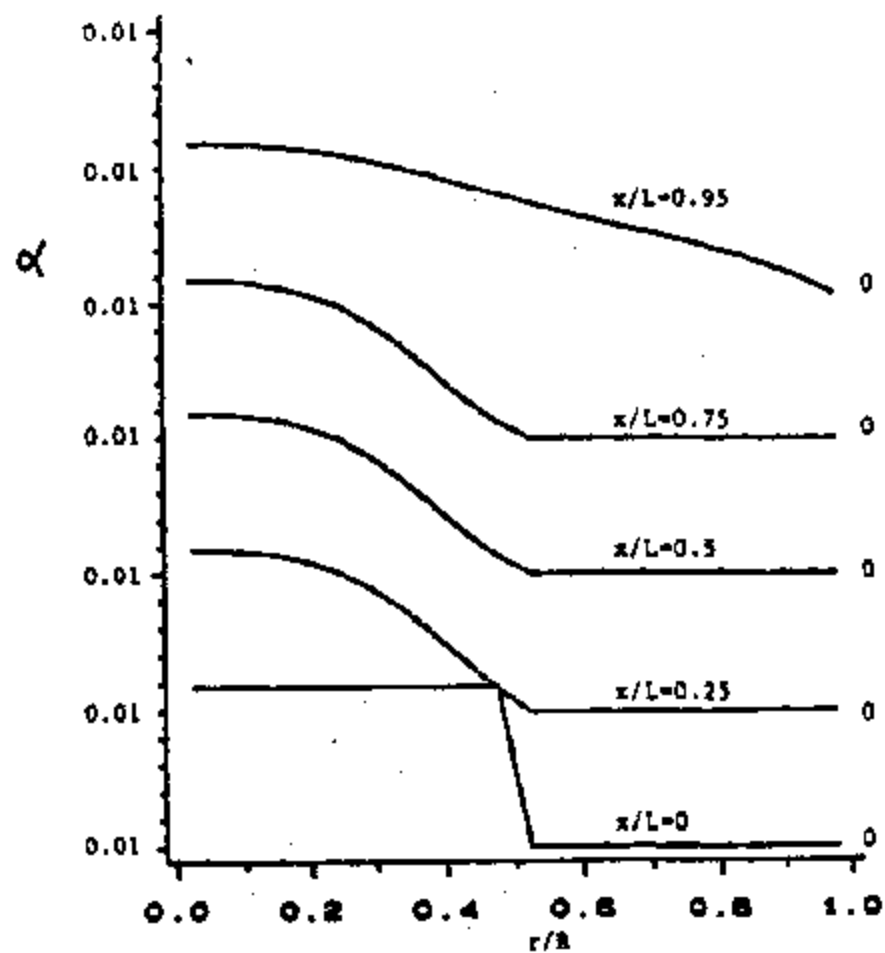


Fig. 4.10 (b) Predicted void ratio distribution.

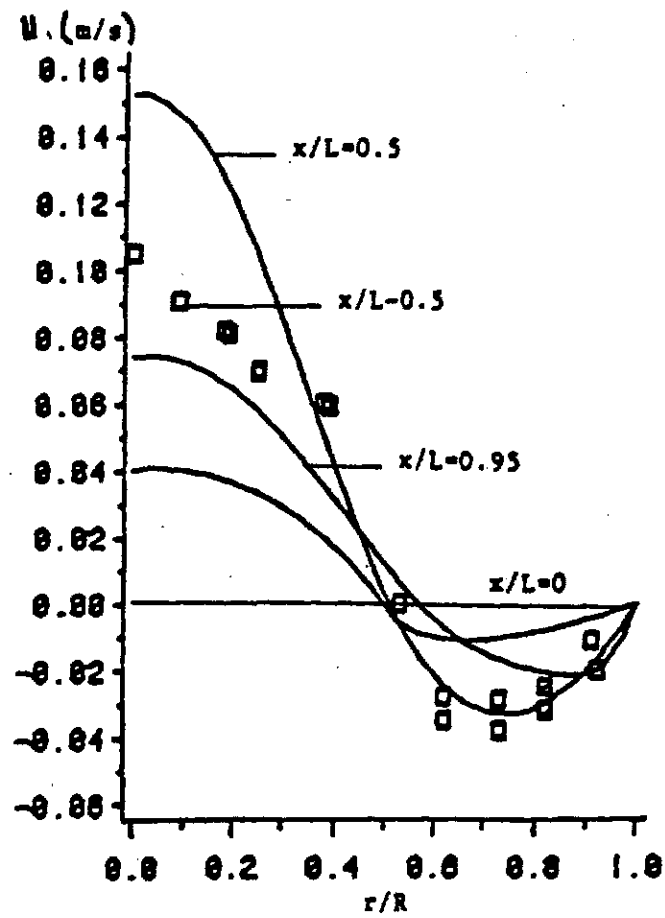


Fig. 4.10 (c) Liquid velocity profile
 □ (experiments by Rietema and Ottengraf, 1970)

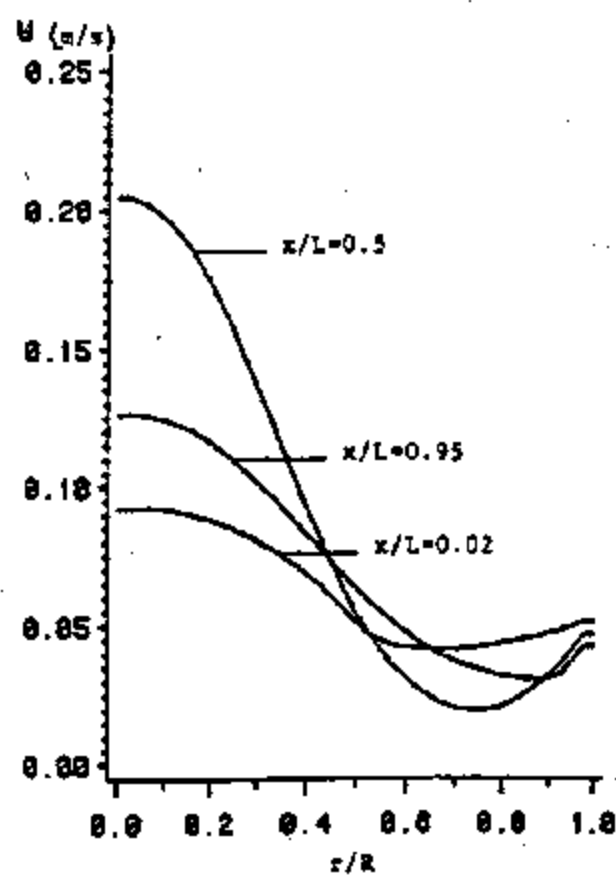


Fig. 4.10 (d) Gas velocity profile.

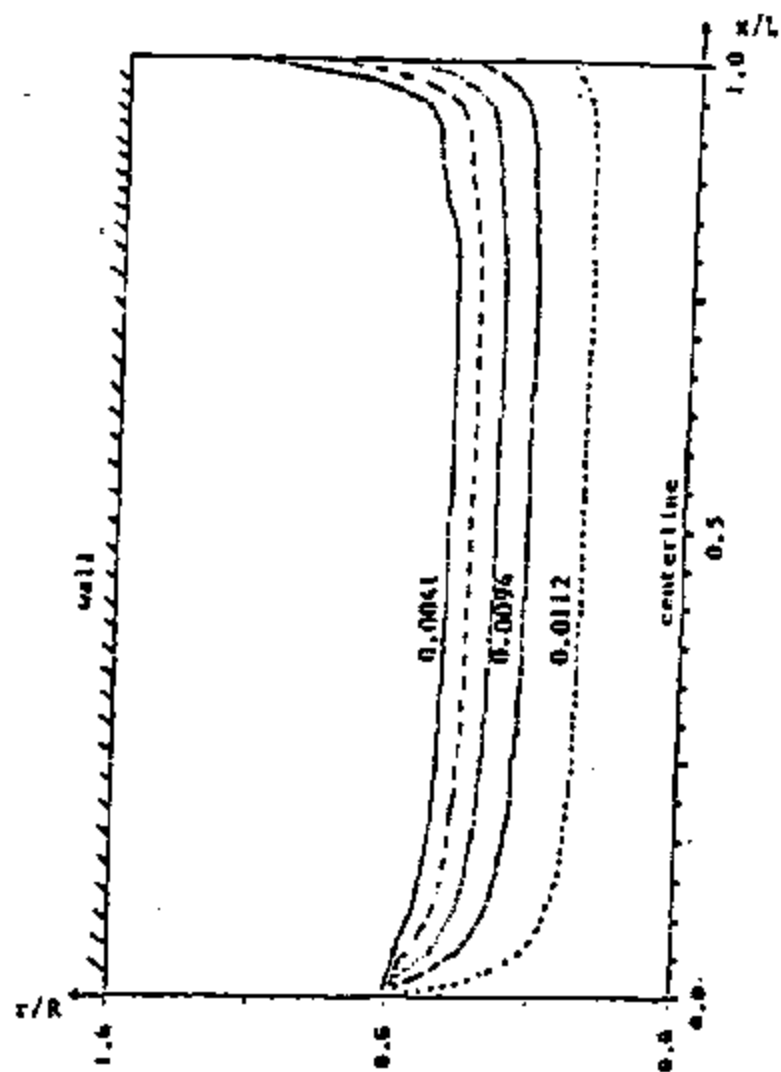


Fig. 4.10 (e) ψ -contours

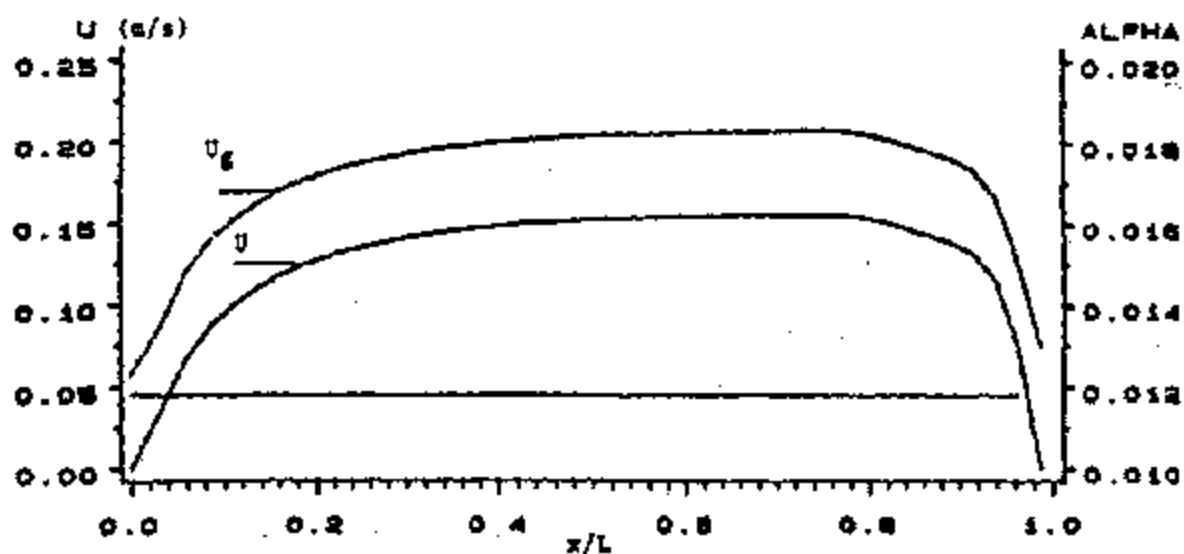


Fig. 4.10 (f) Liquid velocity, gas velocity and α distribution along the centerline of the column with $r_p/R = 0.45$.

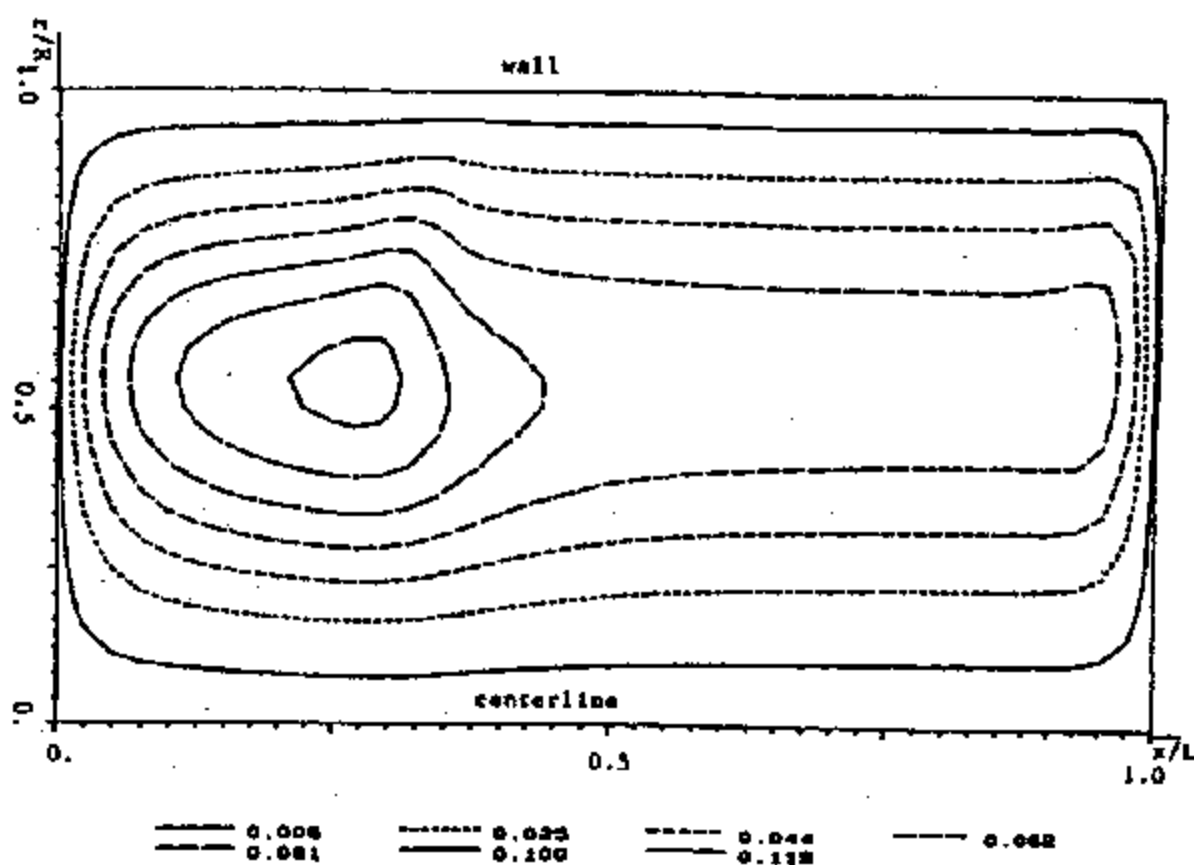


Fig. 4.11 (a) Calculated circulation pattern
 (α is calculated from transport equation (4.28) with $r_p/R = 0$).

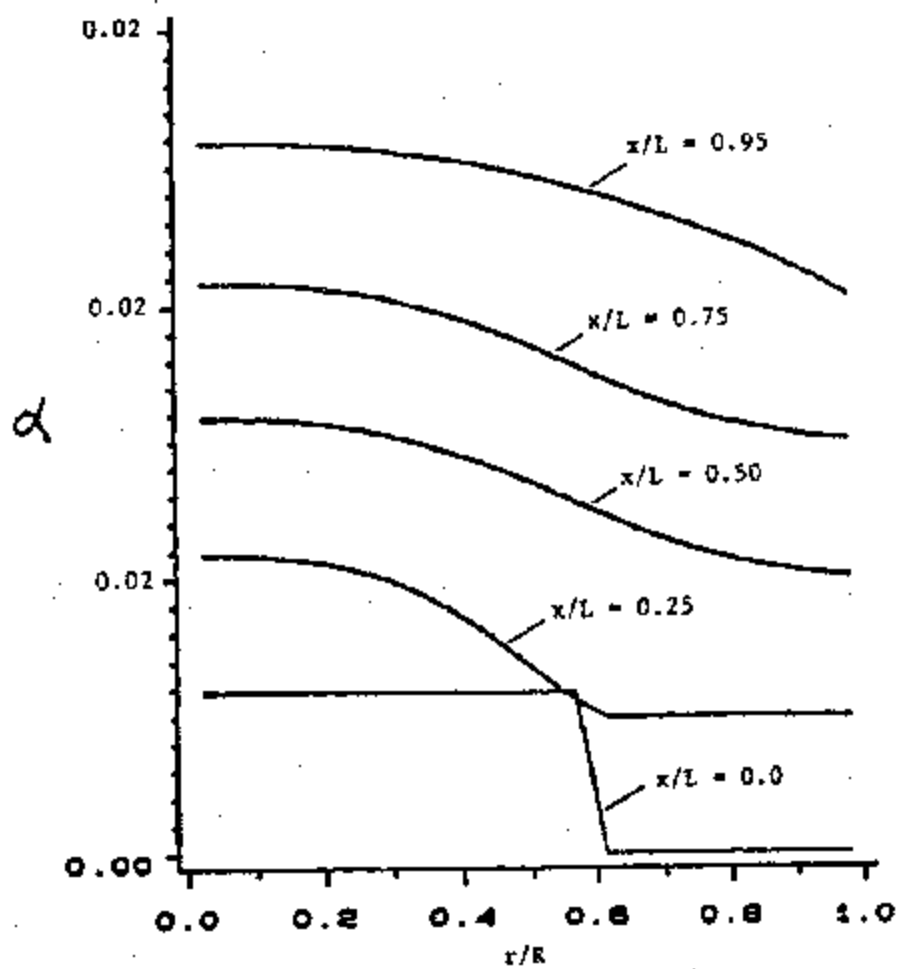


Figure 4.11 (b) α - distribution; $r_s / R = 0.60$

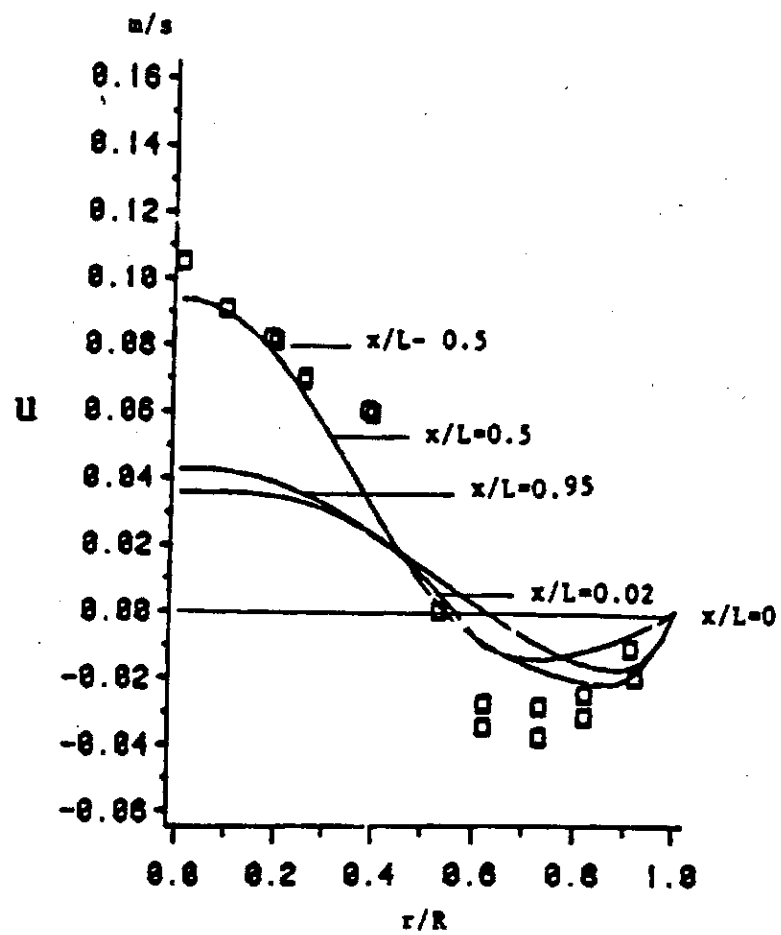


Fig. 4.11 (c) Liquid velocity profile
 □ (experiments by Rietema and Ottengraf, 1970)

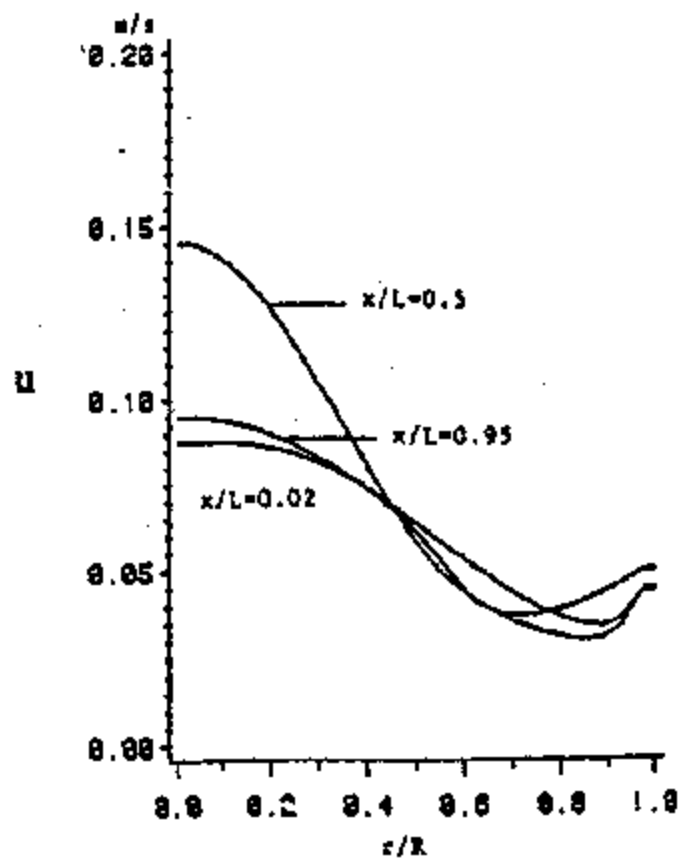


Fig. 4.11 (d) Gas velocity profile

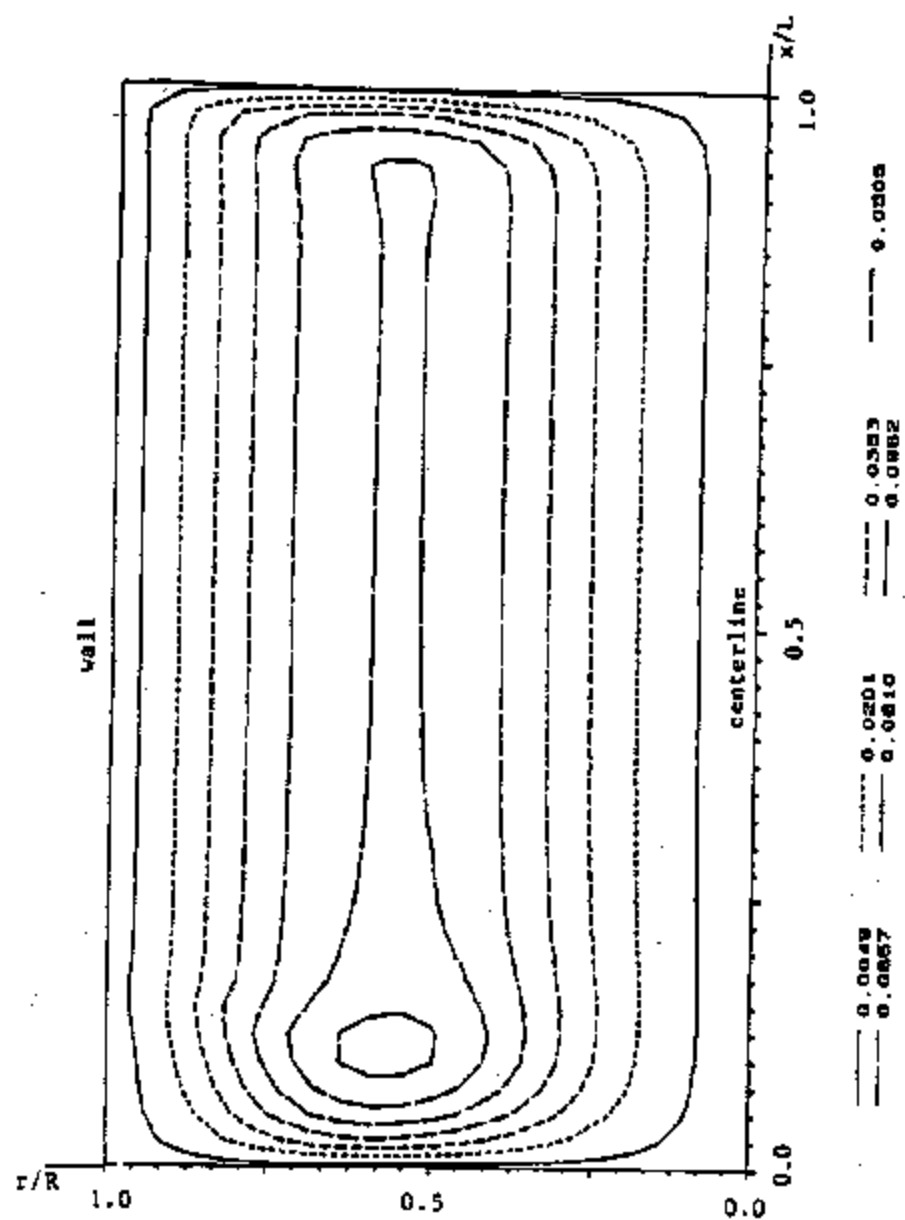


Fig. 4.12 (a) Calculated circulation pattern
 (α is calculated from transport equation (4.28) with $r_s/R=0.7$)