

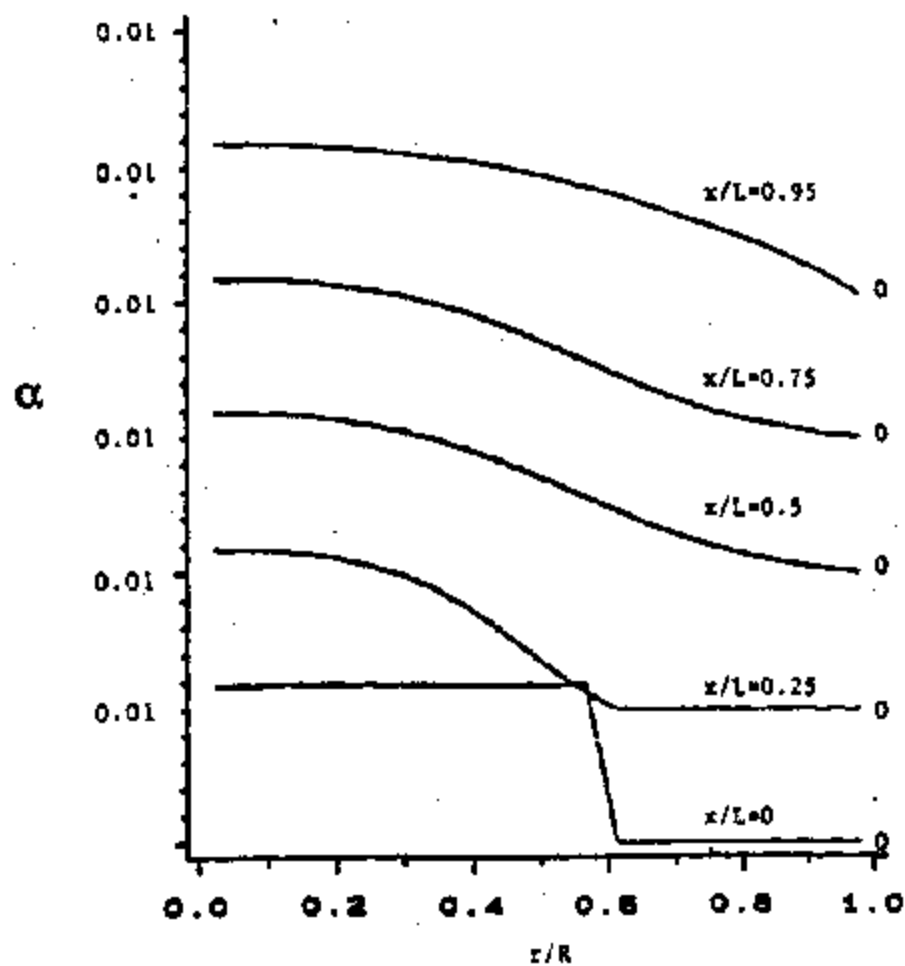


Fig. 4.12 (b) Void ratio distribution

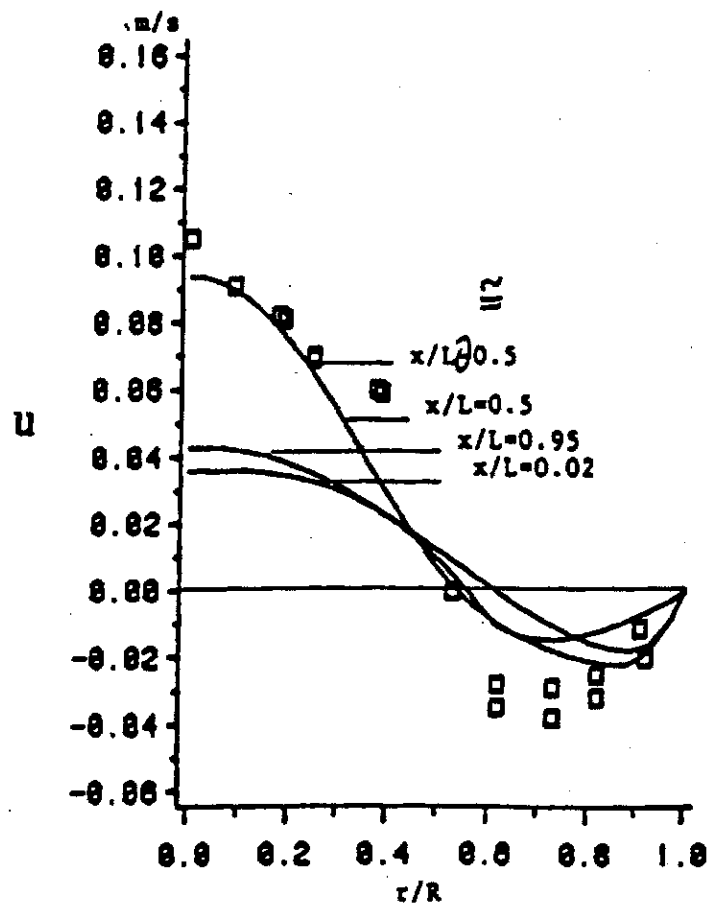


Fig. 4.12 (c) Liquid velocity profile
 □ (experiments by Rietema and Ottengraf, 1970)

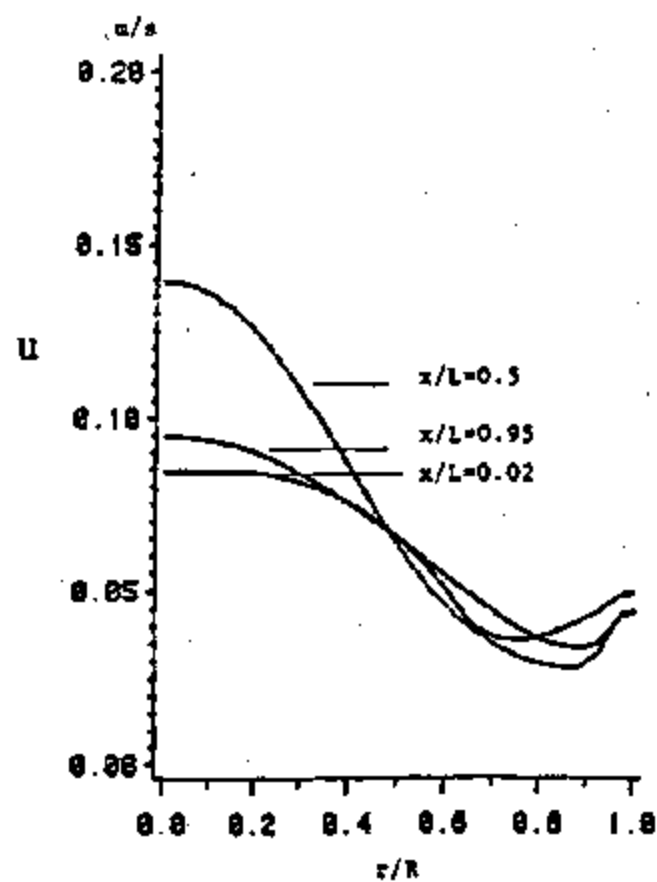


Fig. 4.12 (d) Gas velocity profile.

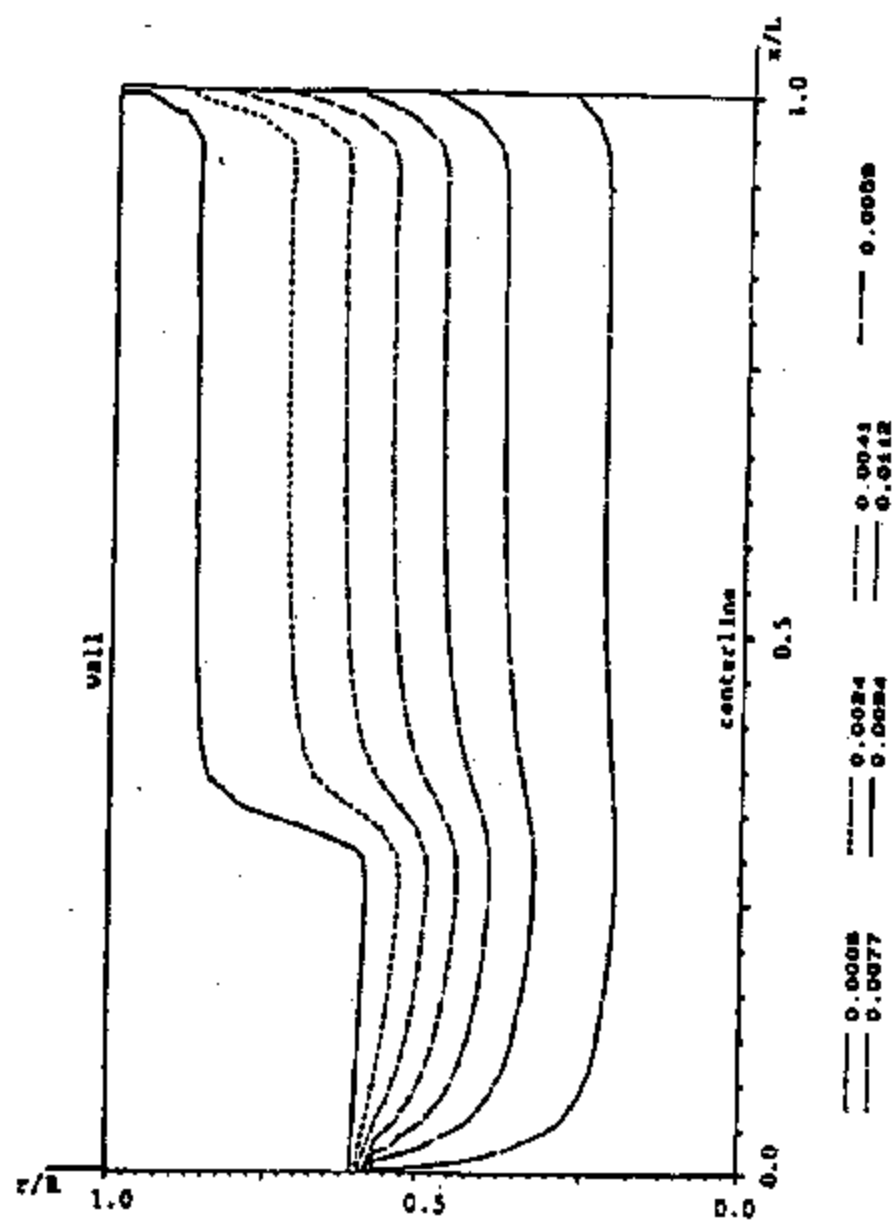


Fig. 4.12 (a) = contours

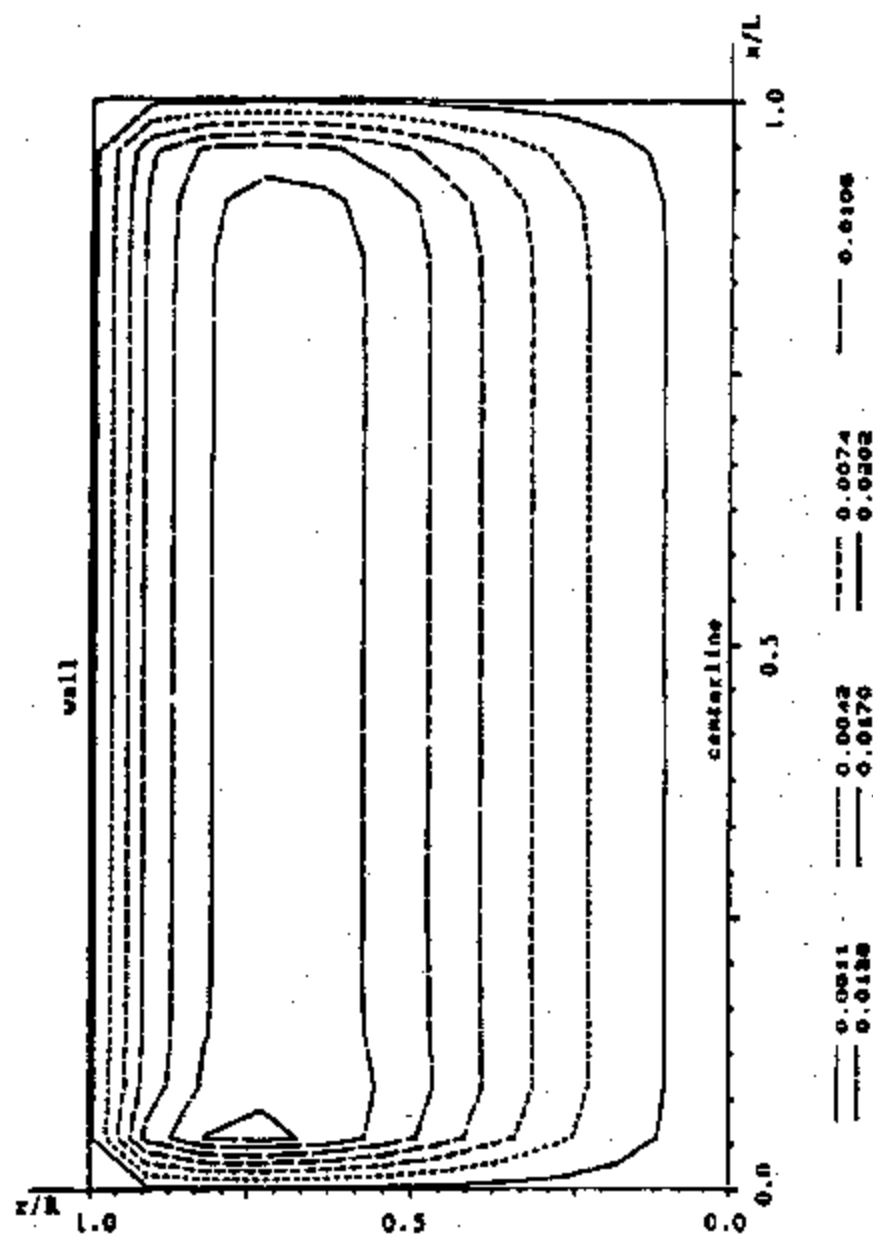


Fig. 4.13 (a) Calculated circulation pattern
 (* is calculated from transport equation (4.20) with $r_{90}/R=0.9$)

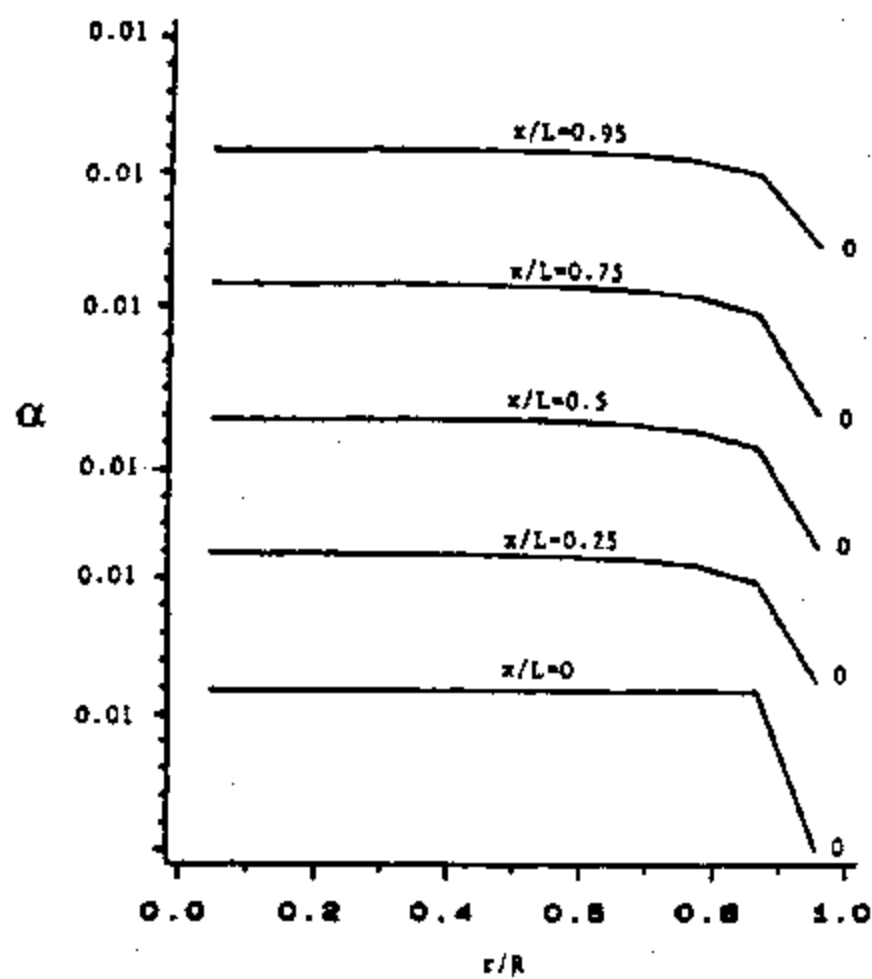


Fig. 4.13 (b) Void ratio distribution

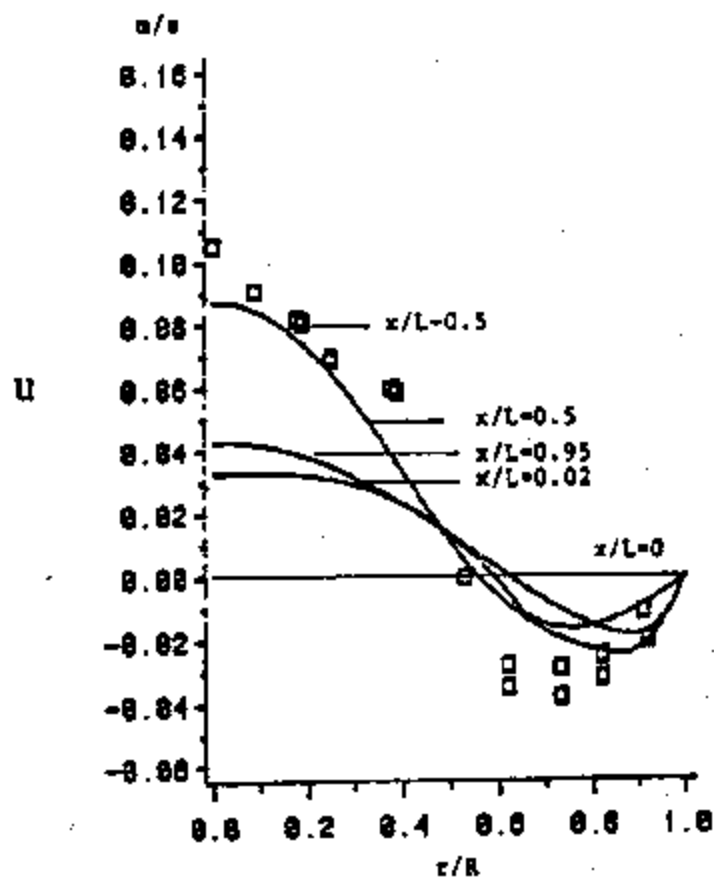


Fig. 4.13 (c) Liquid velocity profile
 □ (experiments by Rietema and Ottengraf, 1970)

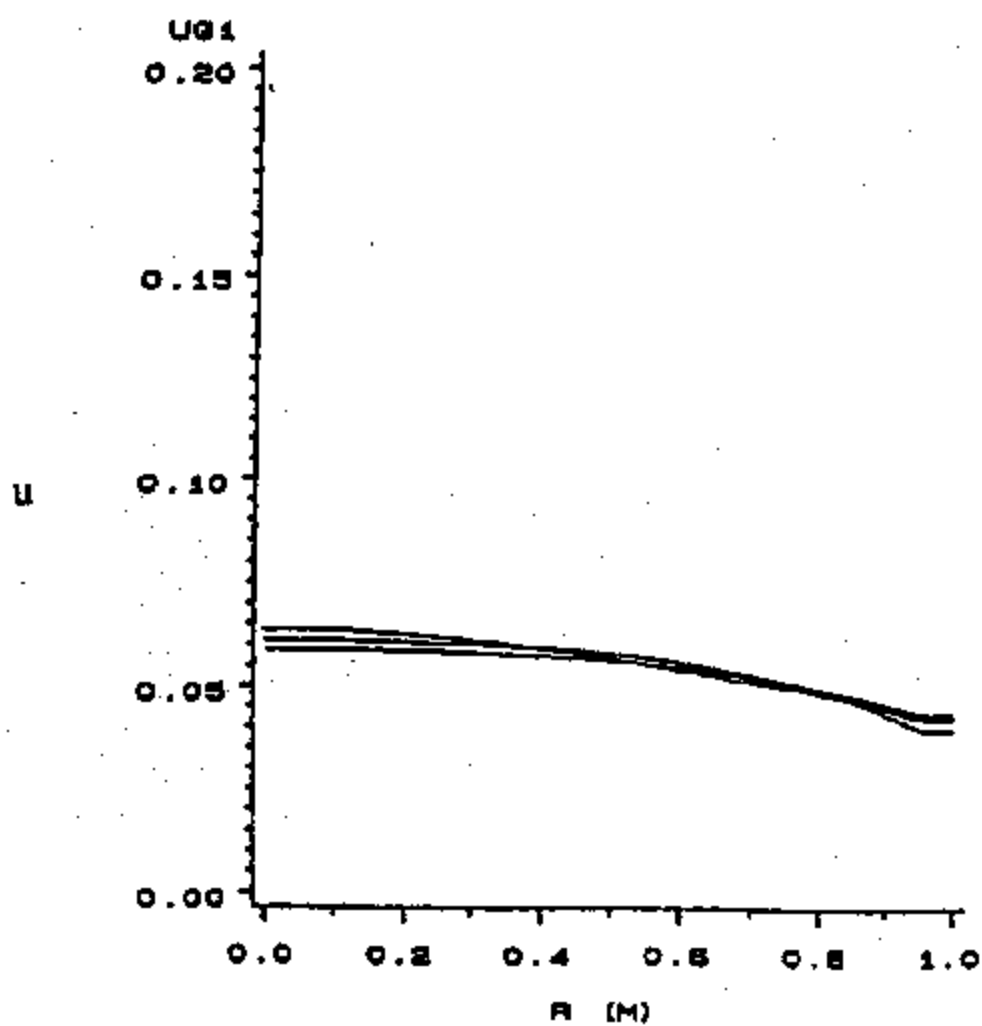


Fig. 4.13 (d) Gas velocity profile

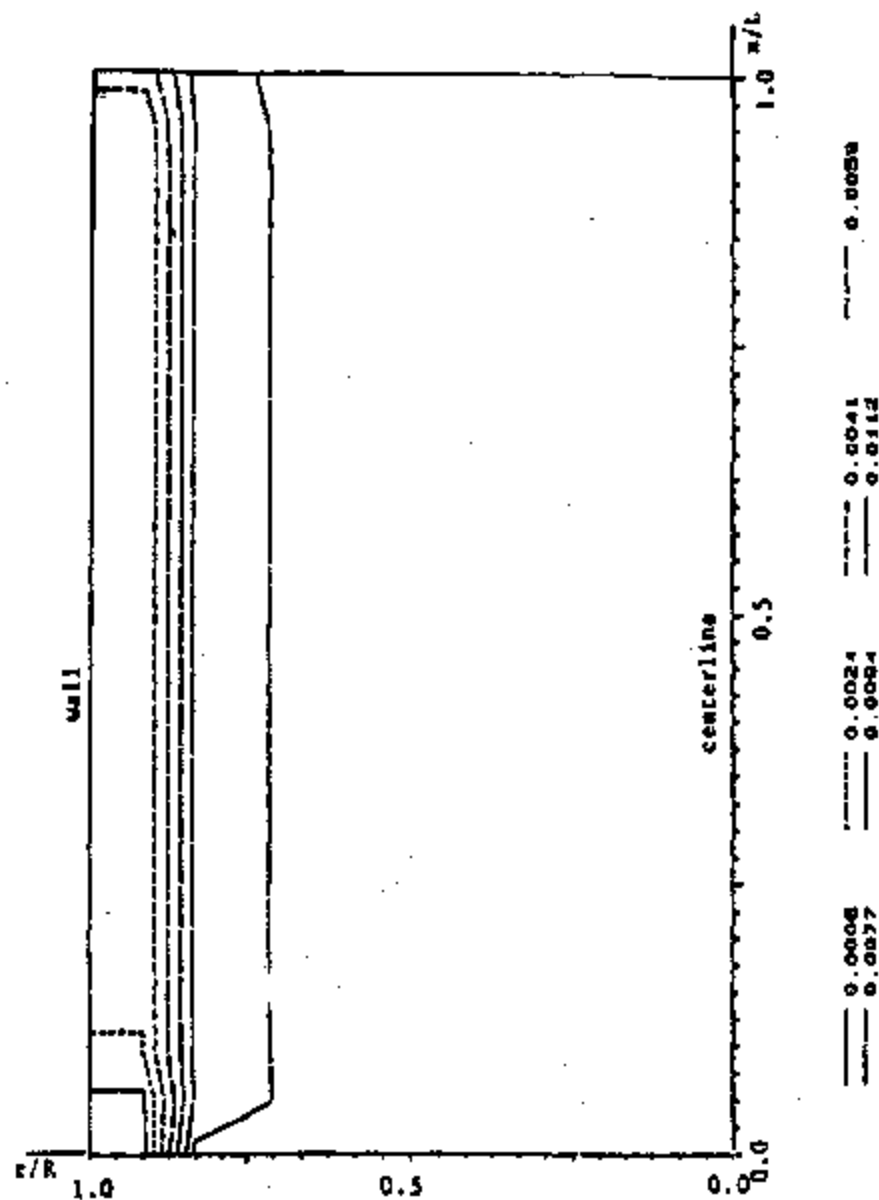


Fig. 4.13 (a) - contours

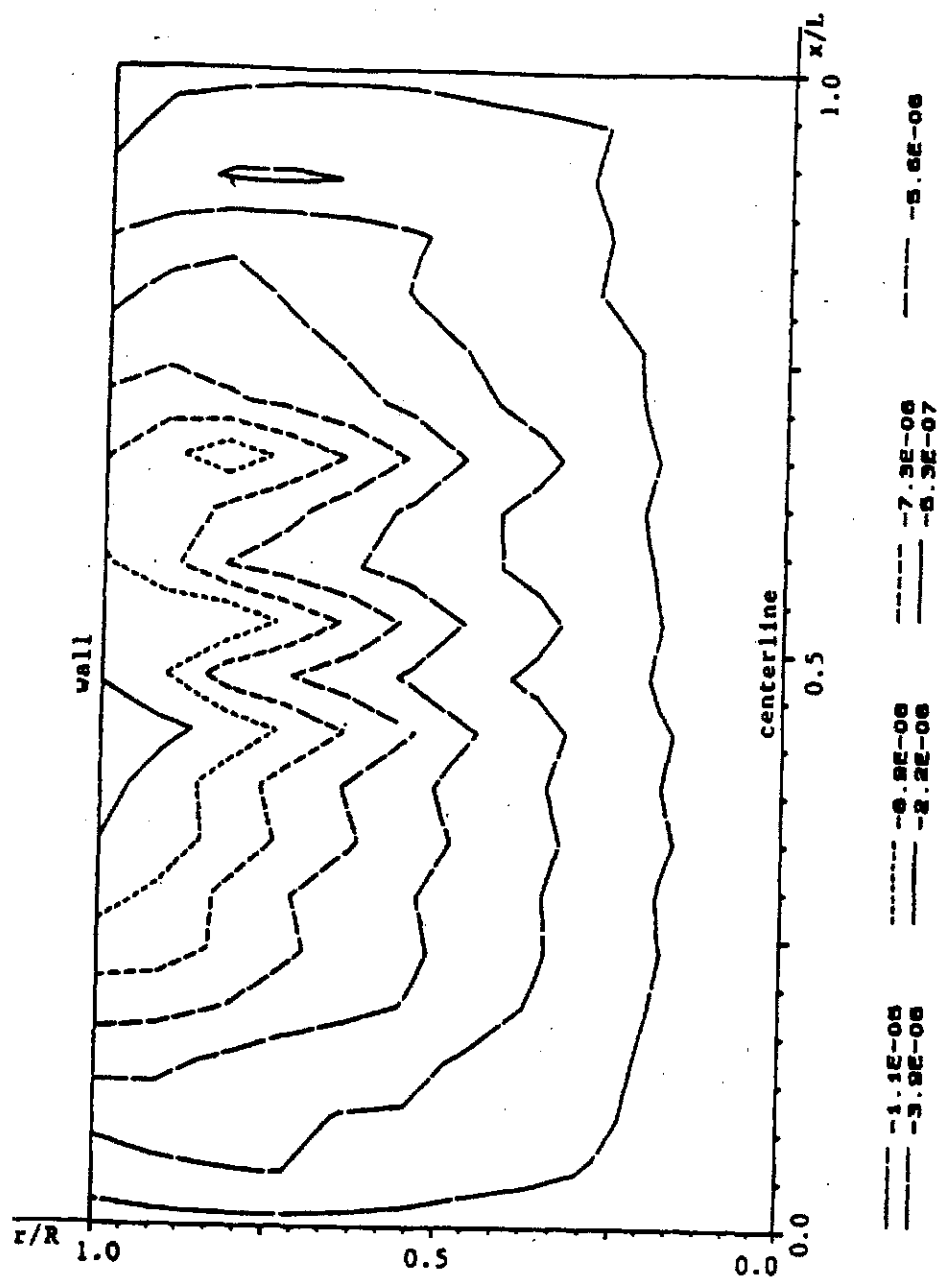


Fig. 4.14 (a) Calculated circulation pattern
 (α is calculated from transport equation (4.28) with $r_s/R=0.95$)

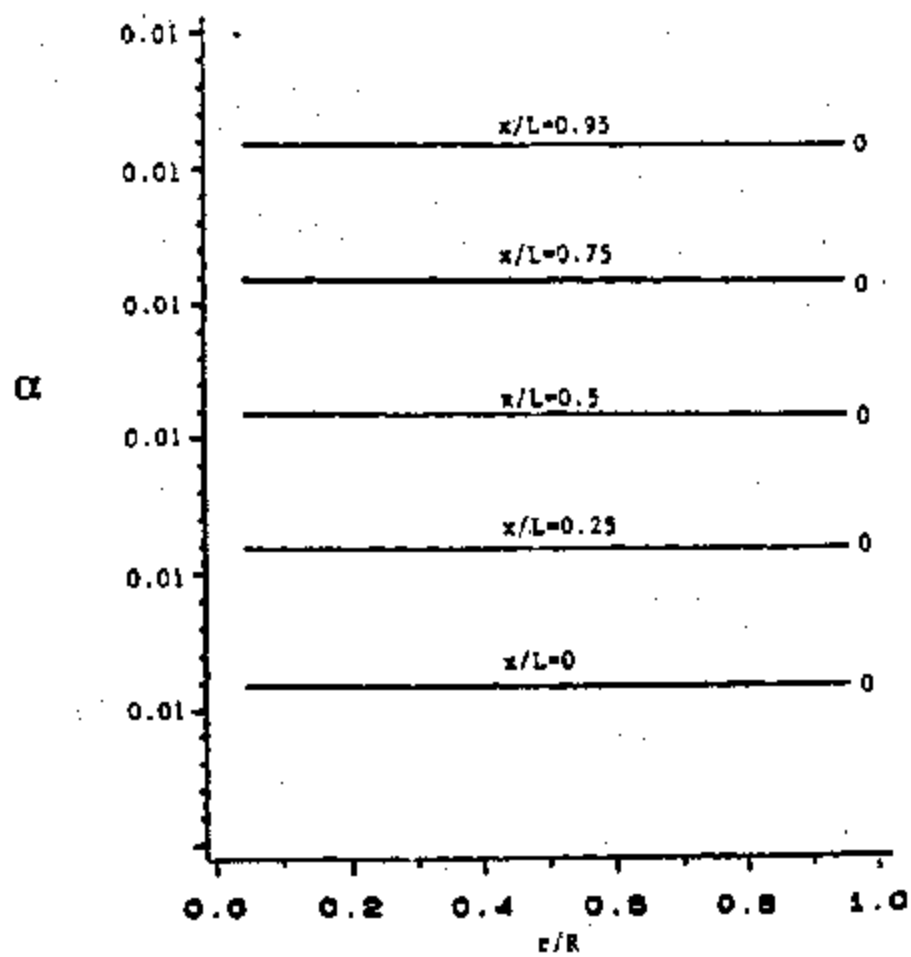


Fig. 4.14 (b) Void ratio distribution