

	Case 1	Case 2	Case 3	Case 4
z(m)	Enthalpy (W)			
1.7			1450	1450
1.95	2150	3180	1480	1460
2.2	2140	3130	1500	1420
2.45	2160	3140	1495	1420
2.7	2170	3100	1520	1410
2.95	2165	2940	1475	1410
3.2	2160	2950	1510	1370
3.45	1950	2790	1485	1400

Table I Enthalpy excess at height z.

	Case 1	Case 2	Case 3	Case 4
w_c estimated values (m/s)	1.02	1.14	.91	.89
w_c estimated values (m/s)	.80	.92	.80	.77

Table II Values of the vertical velocity w_c . Comparison between estimated values according to formulae2 and experimental ones at $z=2m$.

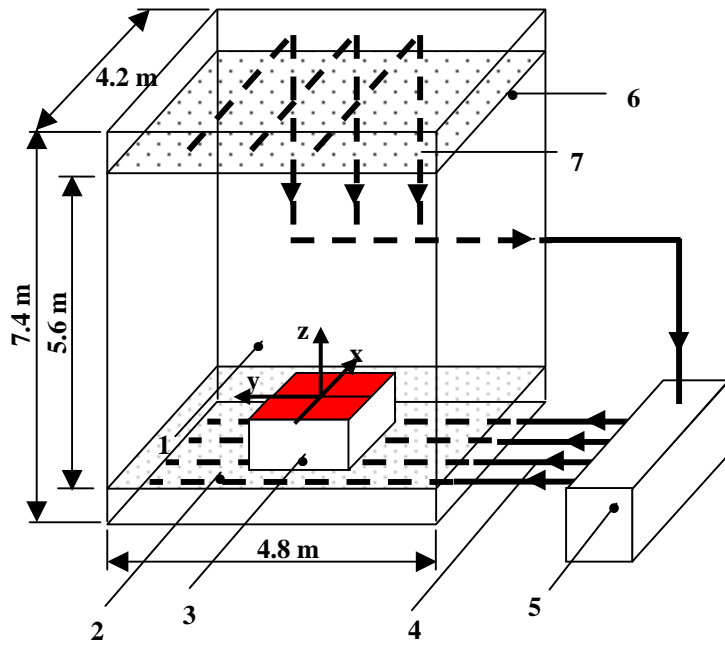


Fig. 1

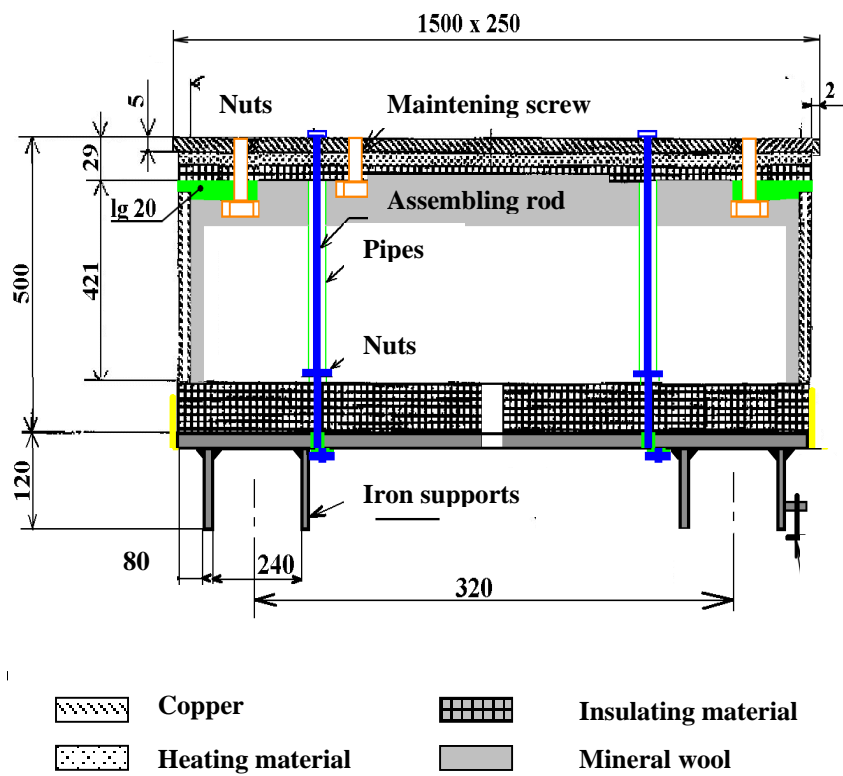


Fig. 2

Fig. 3a

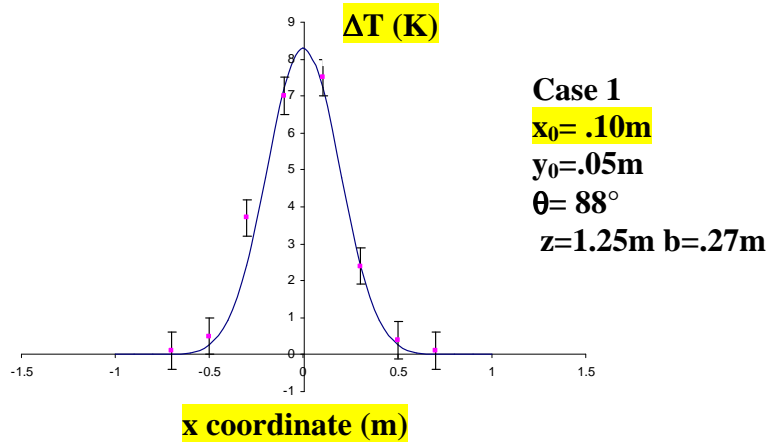
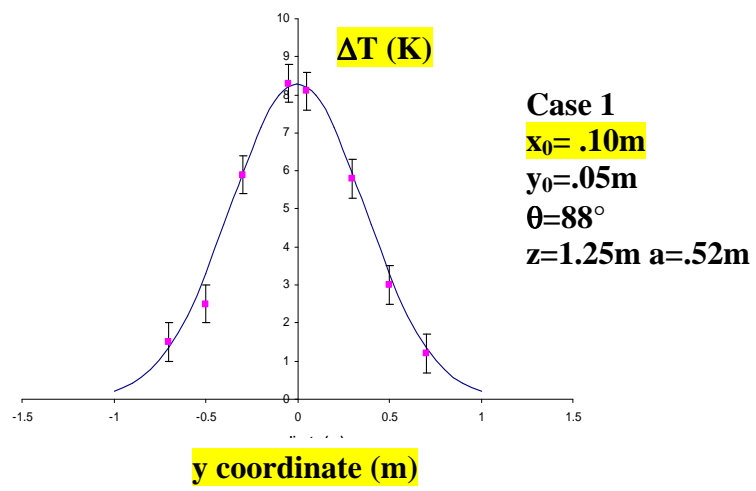
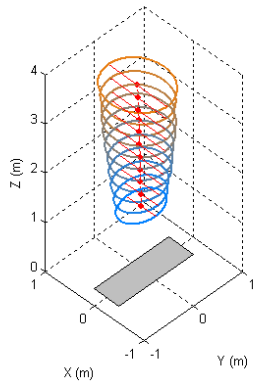
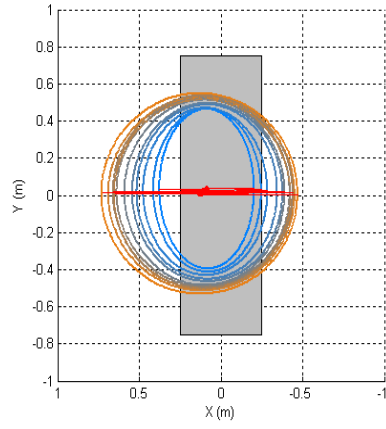


Fig.3b

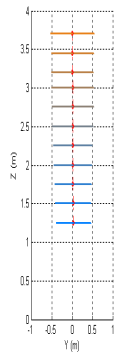




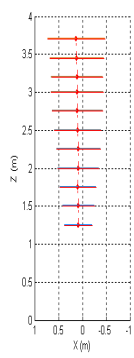
a



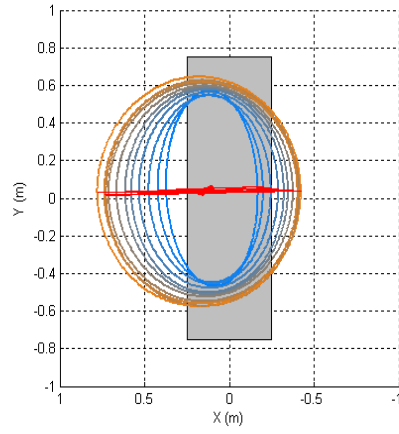
b



c



d



e

Fig. 4 a, b, c, d, e

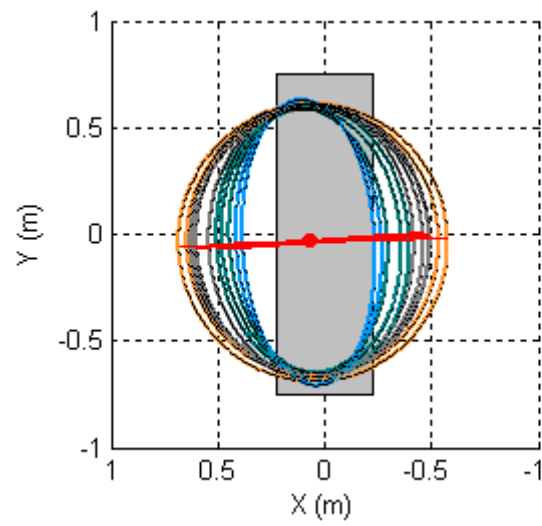
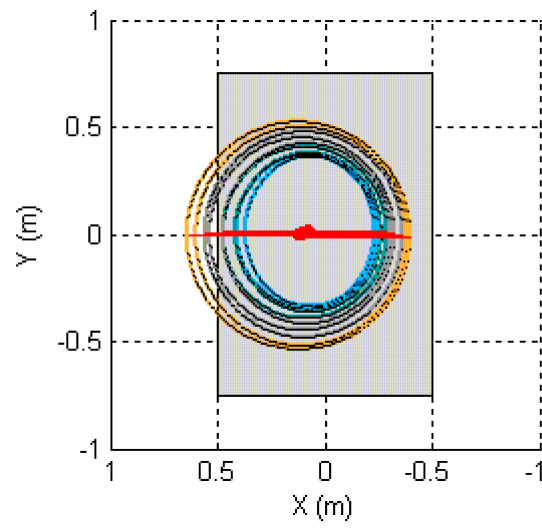
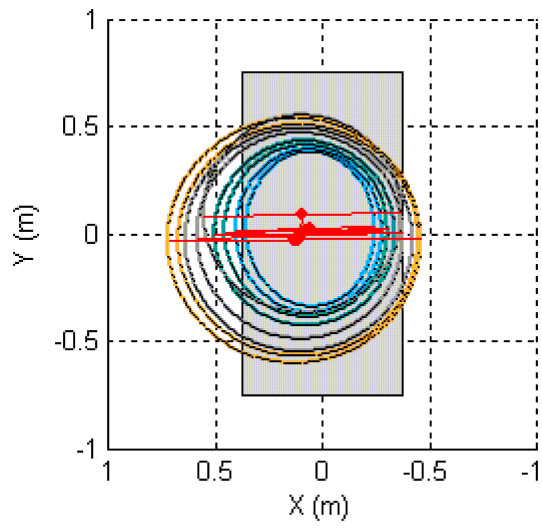


Fig . 5a , 5 b and 5c

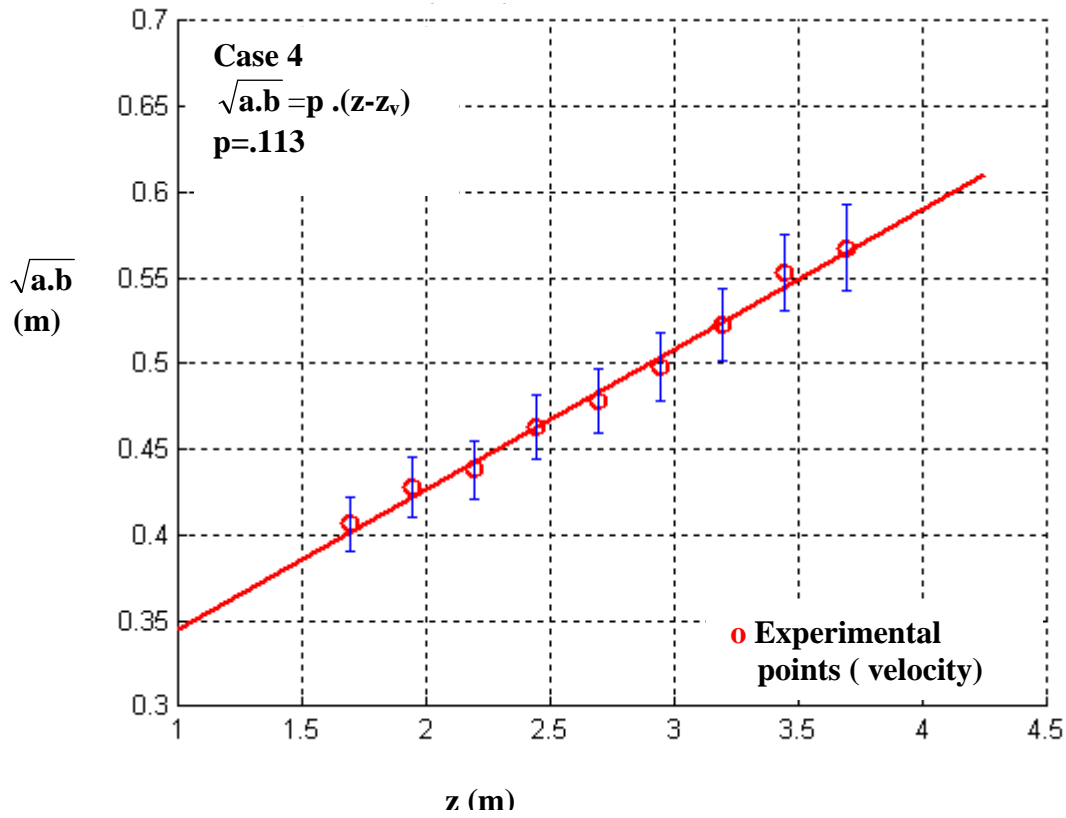
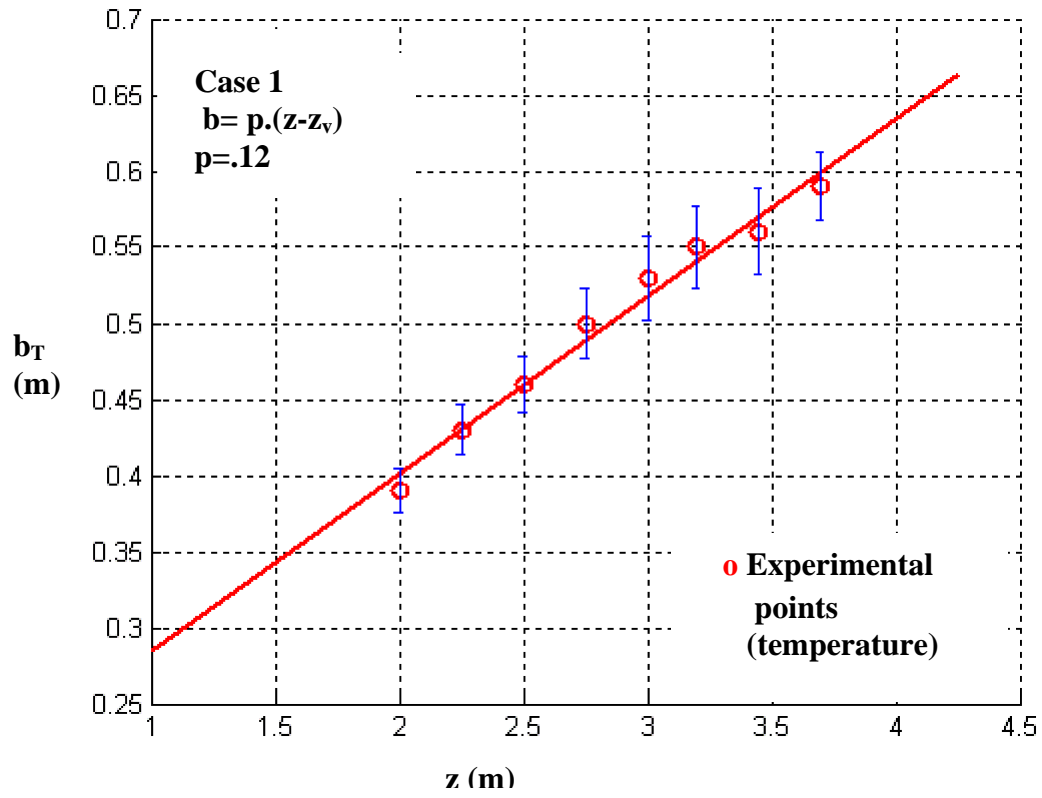


Fig. 6 a and 6.b.

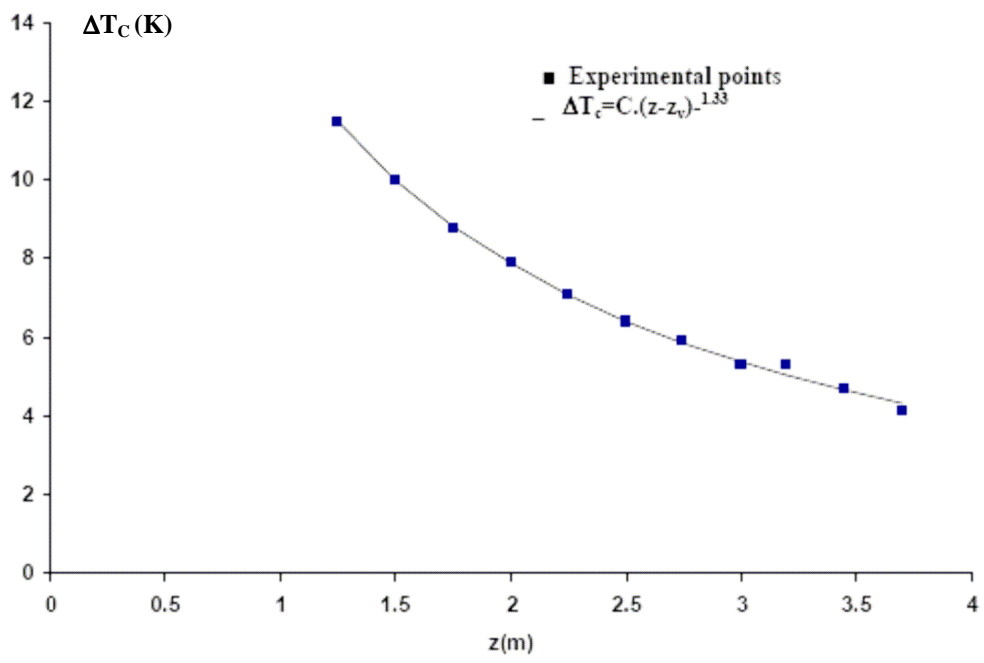


Fig. 7

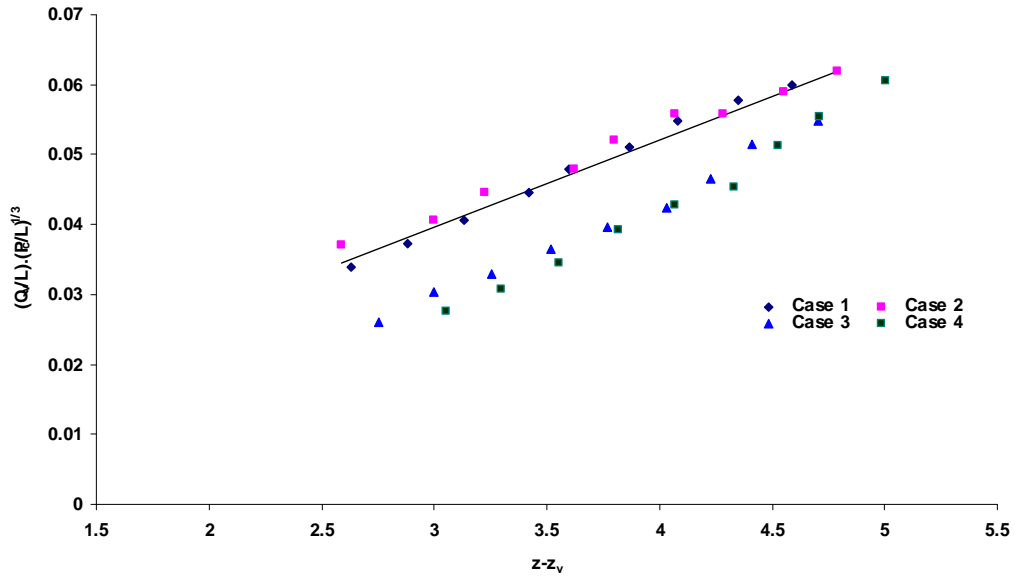


Fig. 8

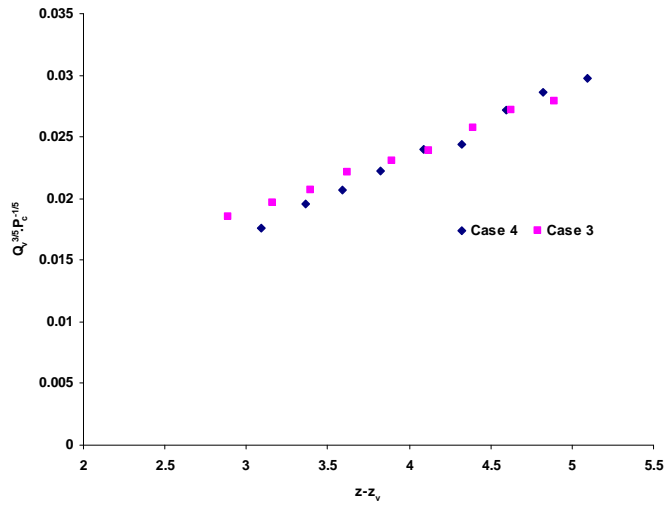


Fig. 9

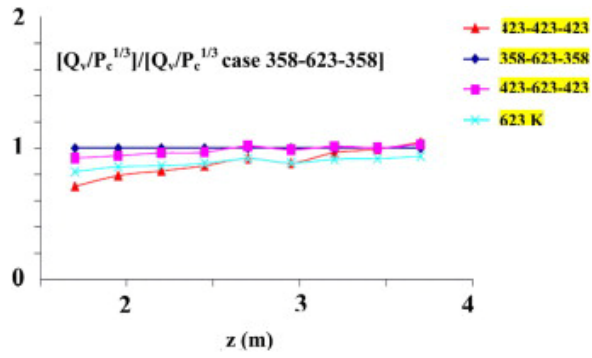


Fig. 10

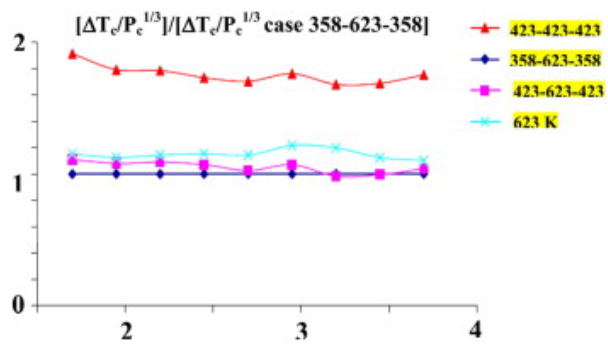


Fig. 11