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1. 中 元

堀
小
水

Receiver

γ

Receiver

Table 1 Experimental results for the test cases

Case	1	2	3	4	5	6	7	8	9	10
Success	60.9	0.409	0.930	96.9	0.147	0.668	100	100	100	100
Failure	39.1	99.591	0.070	3.1	99.853	99.332	0	0	0	0

60.9

0.409

0.930

96.9

0.147

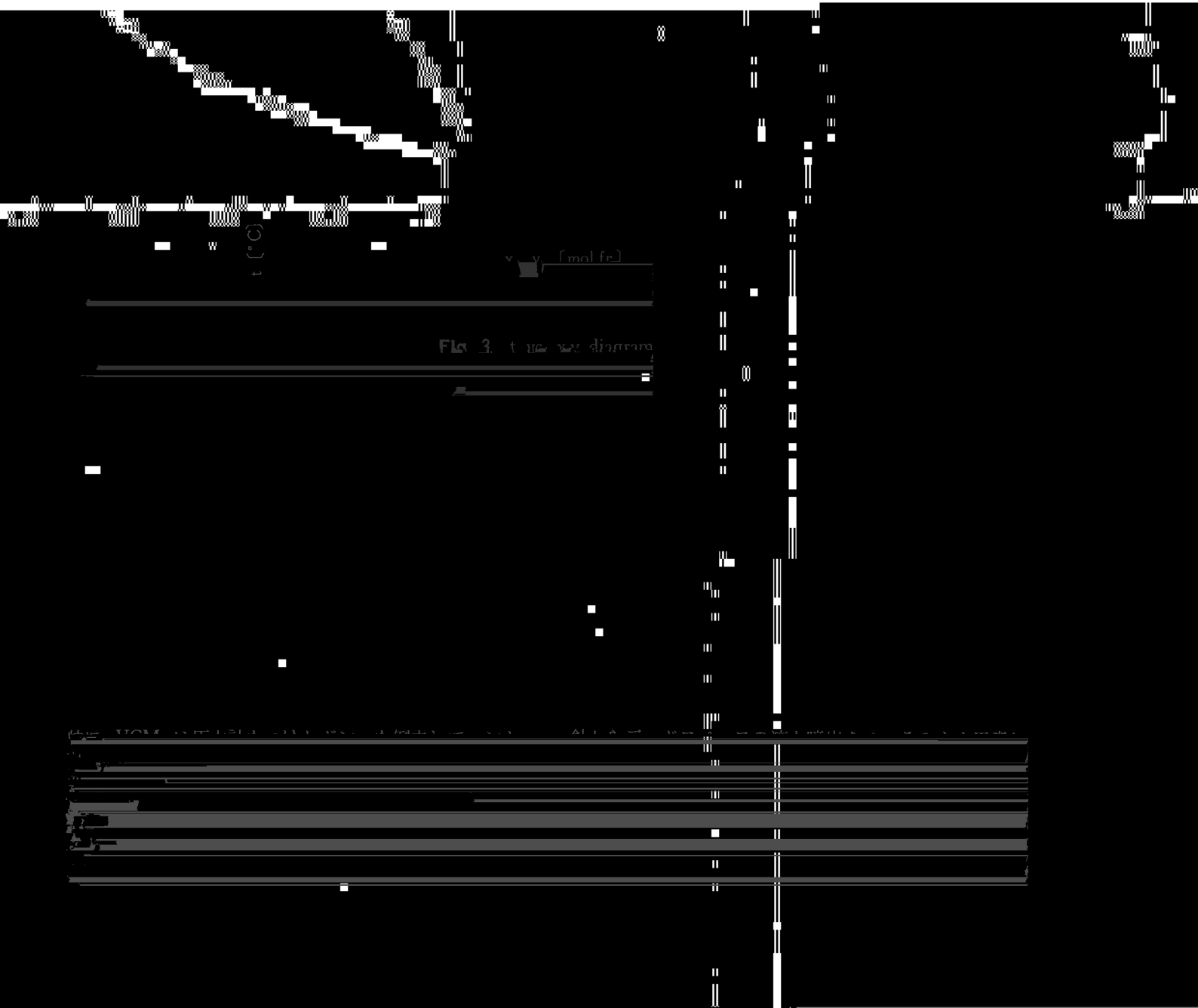
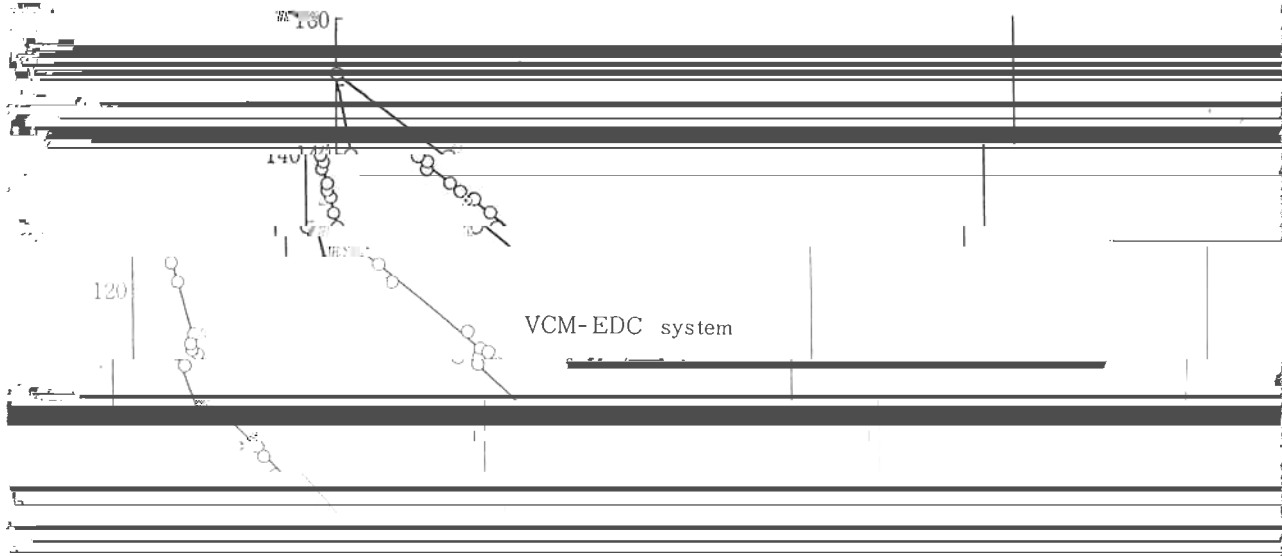
0.668

100

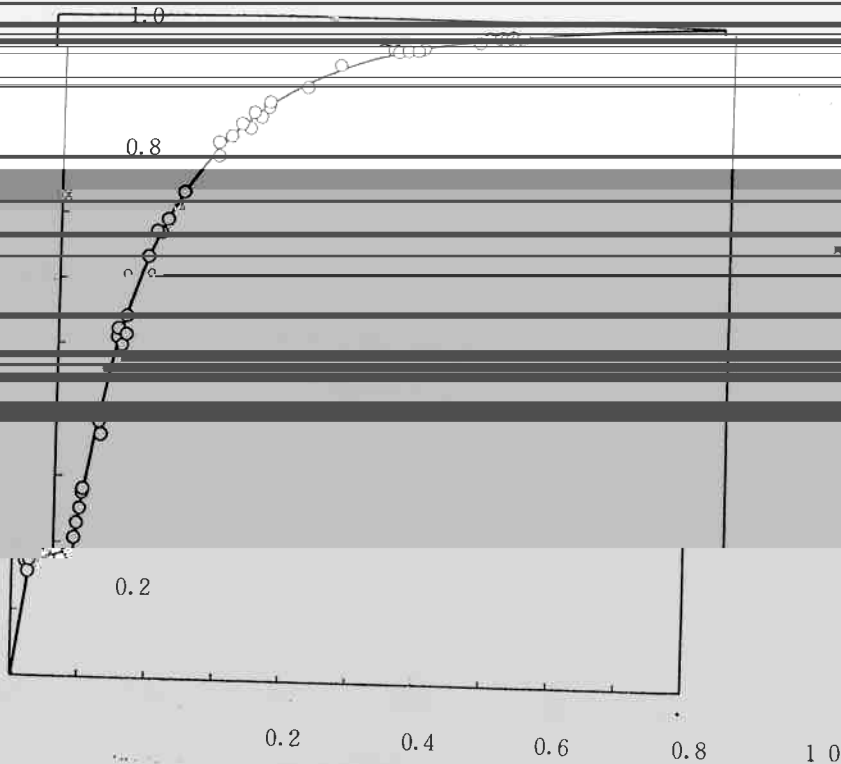
100

100

100



6 Kg/cm² at 20°C



VCM*E (mol.fr.)
 at 6 Kg/cm² at 20°C
 vs x diagram

x ₁	y ₁	t	x ₁	y ₁	t
0.000	0.151	4	0.180	0.756	85,5
0.0					

Table 2 Sample 1

0.020	0.150	140.5	0.200	0.756	85,5	0.650	0.078	40.0
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1/2

$$a_v = f_v / f_v^\circ$$

$$\gamma_v = a_v / y$$

$$\ln \frac{f_{L,P}^\circ}{P^\circ}$$

$$\ln \frac{f_{L,P}^\circ}{P^\circ} = \frac{1}{P^\circ} \int_{P^\circ}^P V_L dP$$



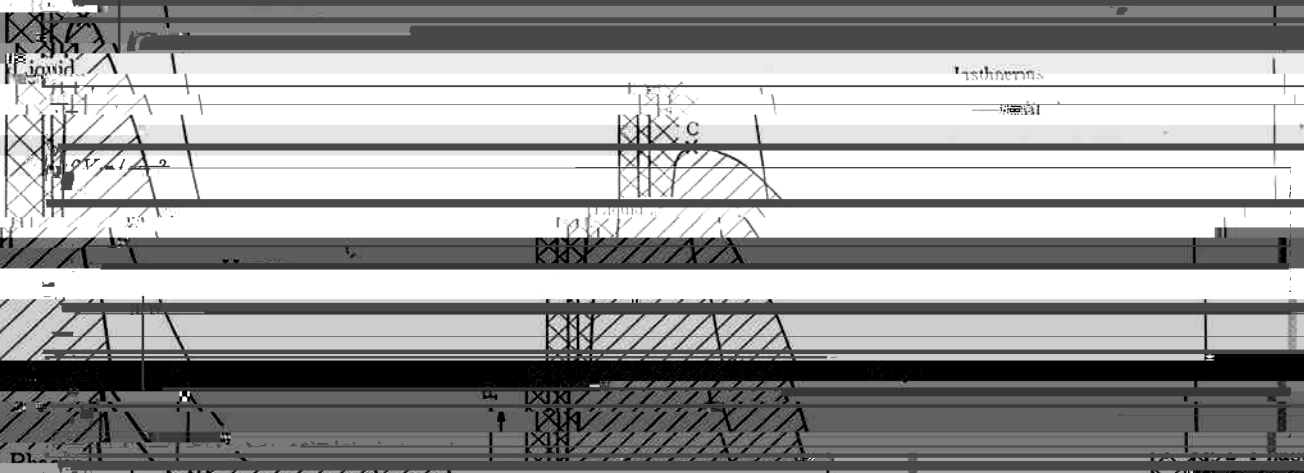
から完差を導くオスレ

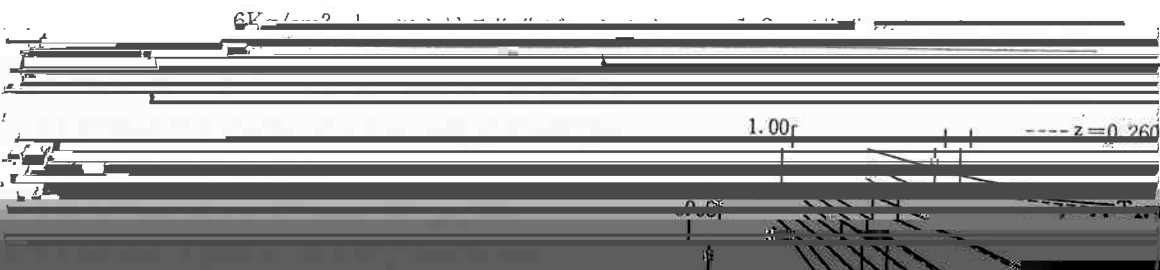
---- Ideal gas law

P°

C: Critical point

Isobars



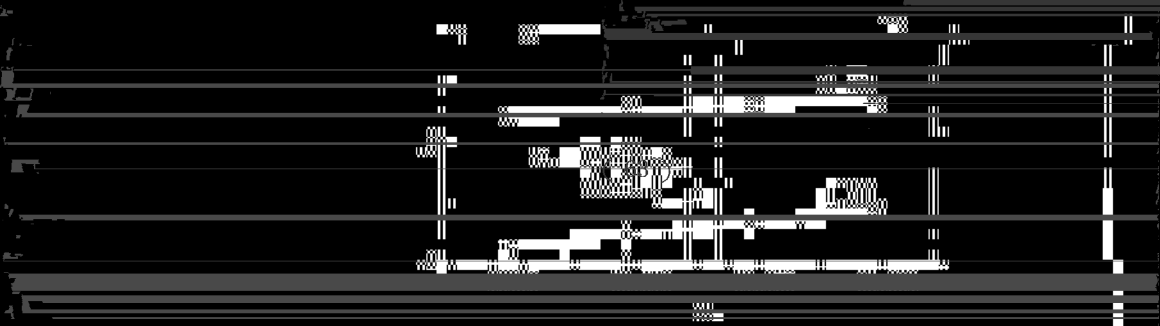


Pr
 Fig. 6 z vs. Pr chart
 for $z_c=0.264$ & 0.260

—○— $z_c=0.264, p_r=0.105$
 —△— $z_c=0.260, p_r=0.090$

Fig. 7 Tr vs. z chart
 for $z_c=0.260$ & 0.264

& $z_c=0.260, Pr=0.090$



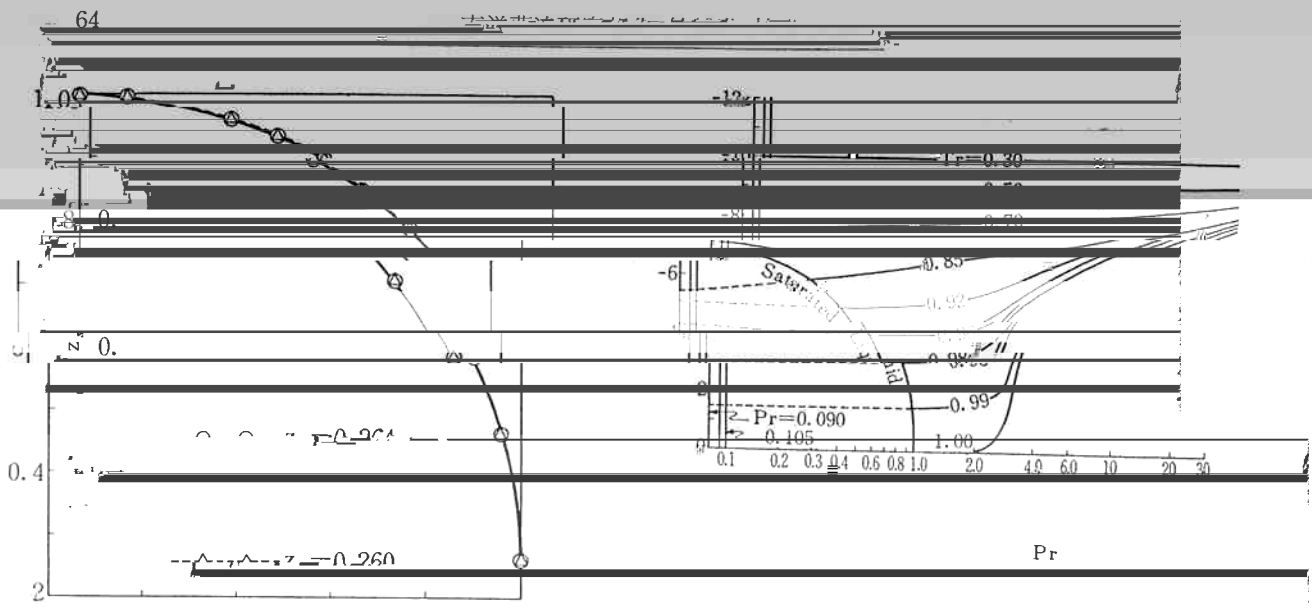


Fig. 10 b Correction for p_r
 (Dh) Correction term in G.P.D.

