

FIG. 1

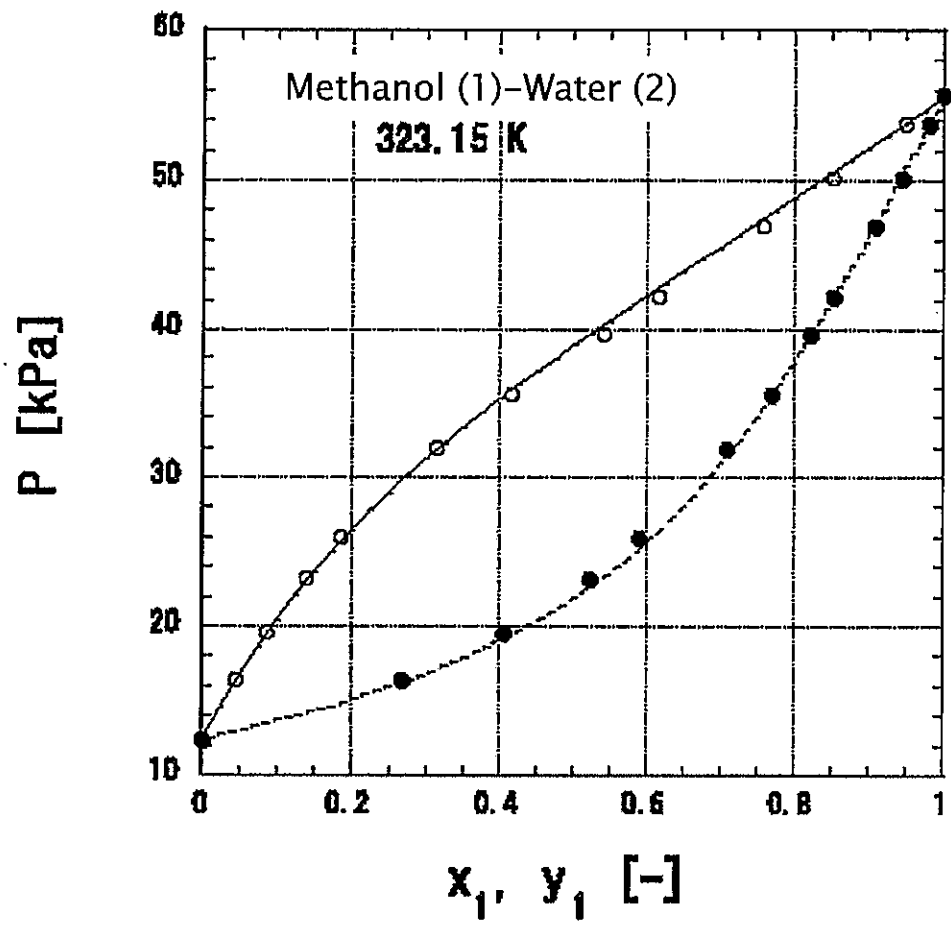


FIG. 2

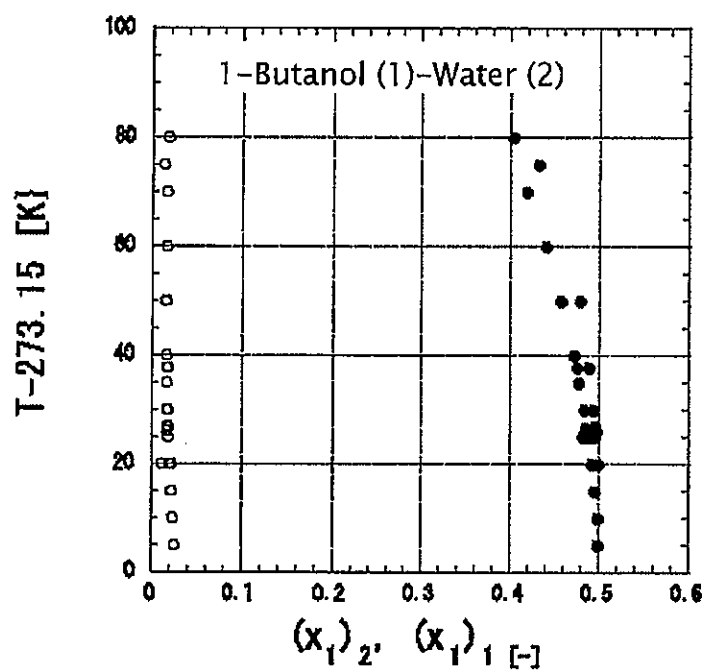


FIG. 2(a)

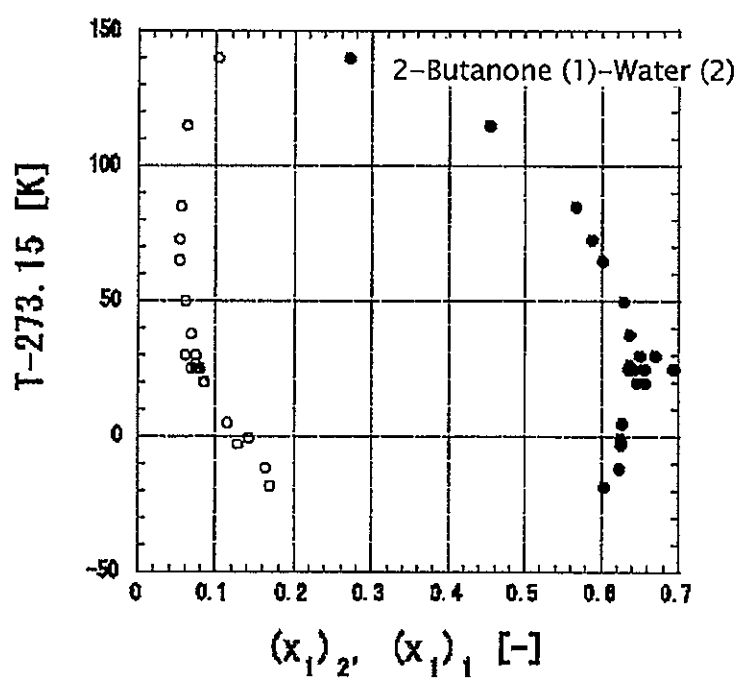


FIG. 2(b)

FIG. 3

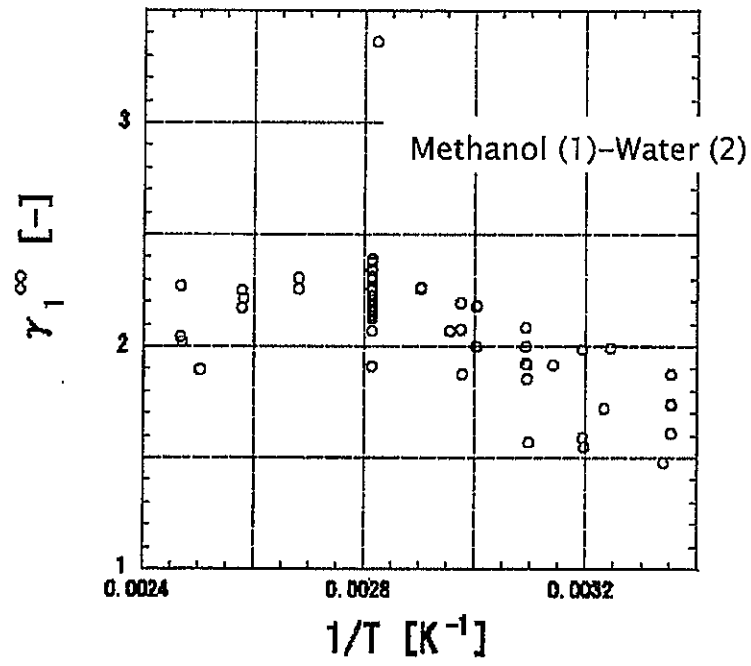


FIG. 3(a)

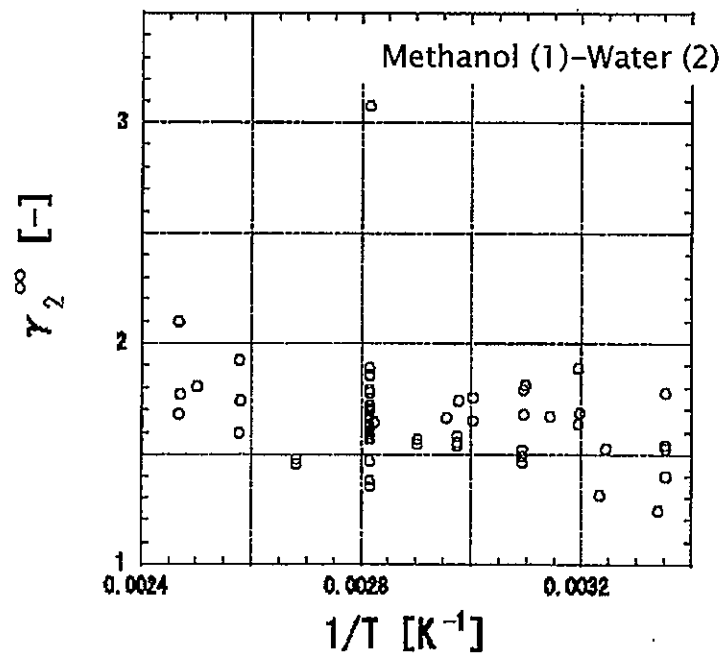


FIG. 3(b)

FIG. 4

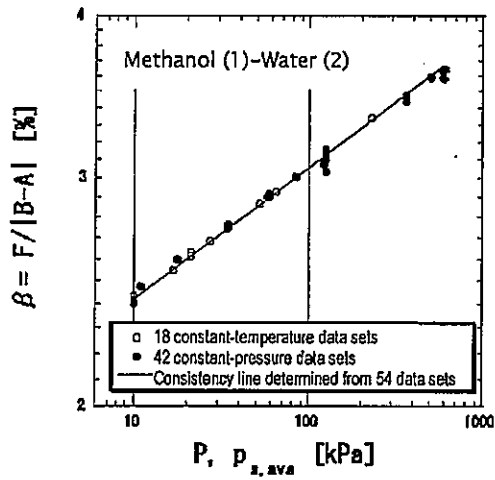


FIG. 4(a)

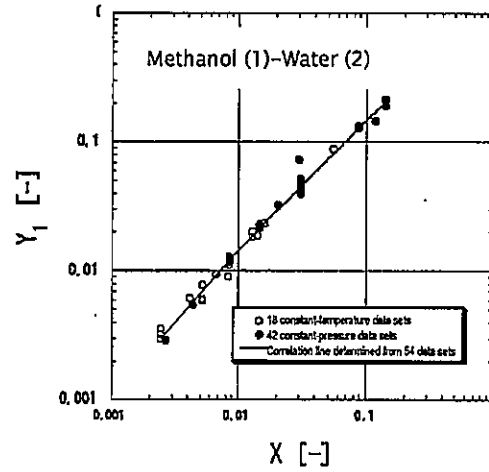


FIG. 4(b)

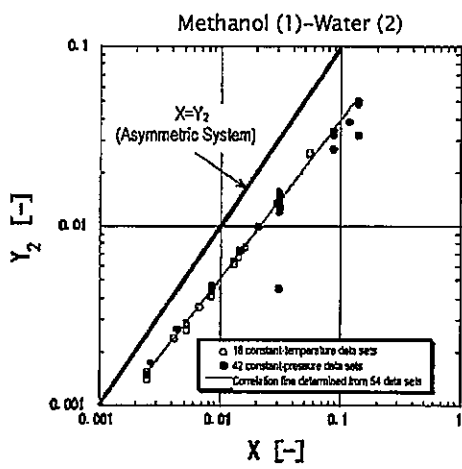


FIG. 4(c)

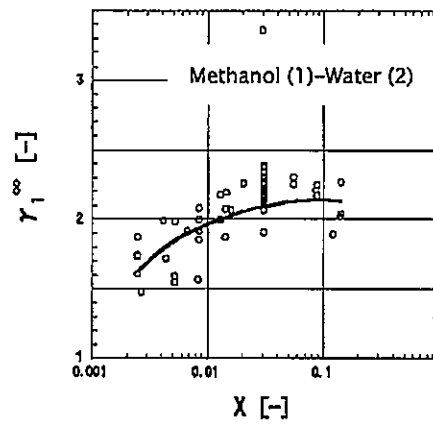


FIG. 4(d)

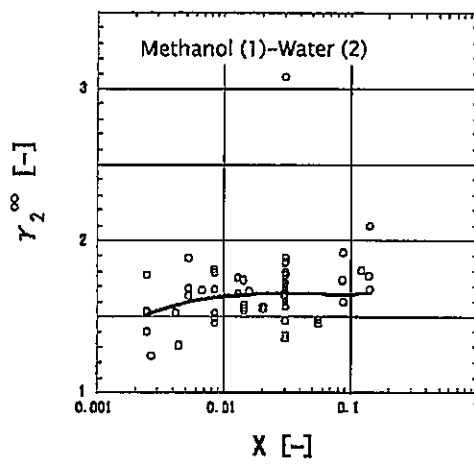


FIG. 4(e)

FIG. 5

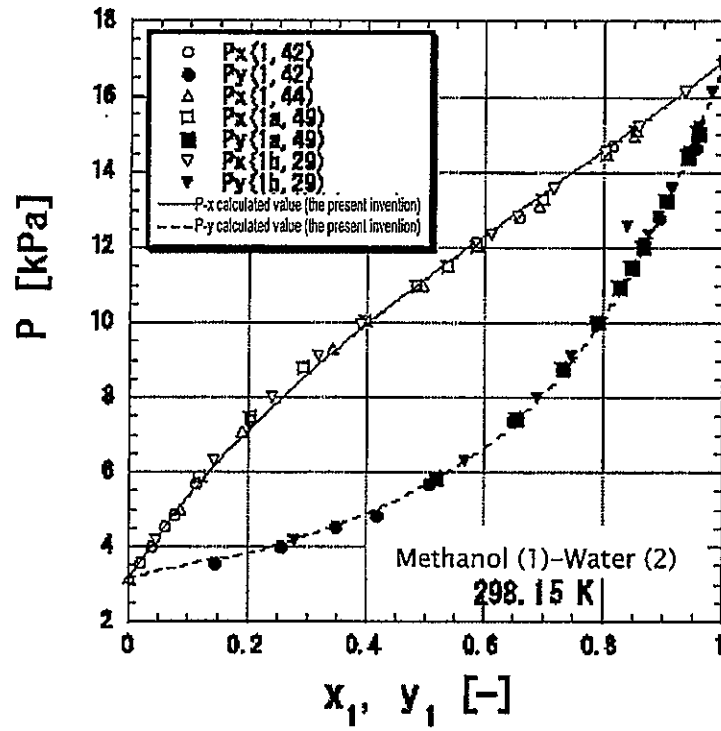


FIG. 5(a)

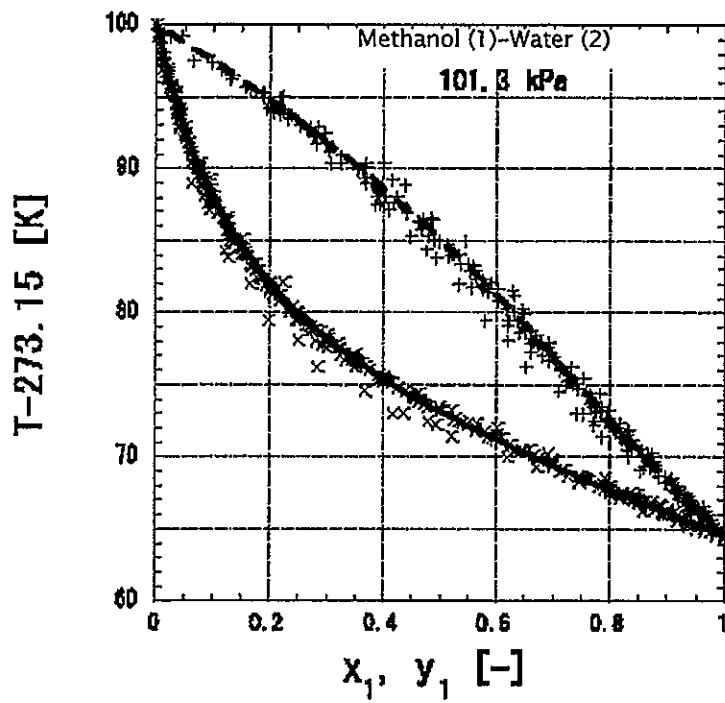


FIG. 5(b)

FIG. 6

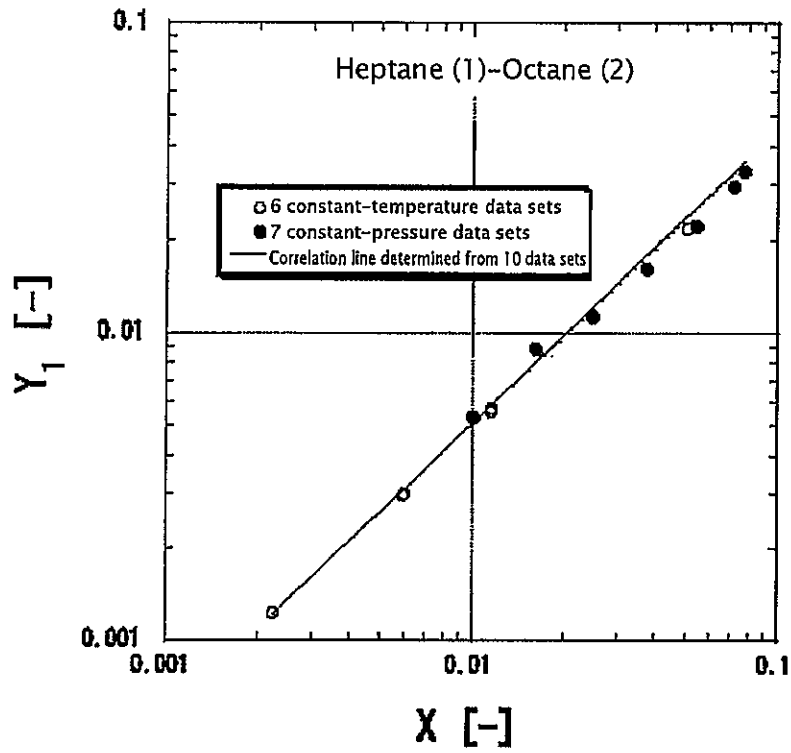


FIG. 6(a)

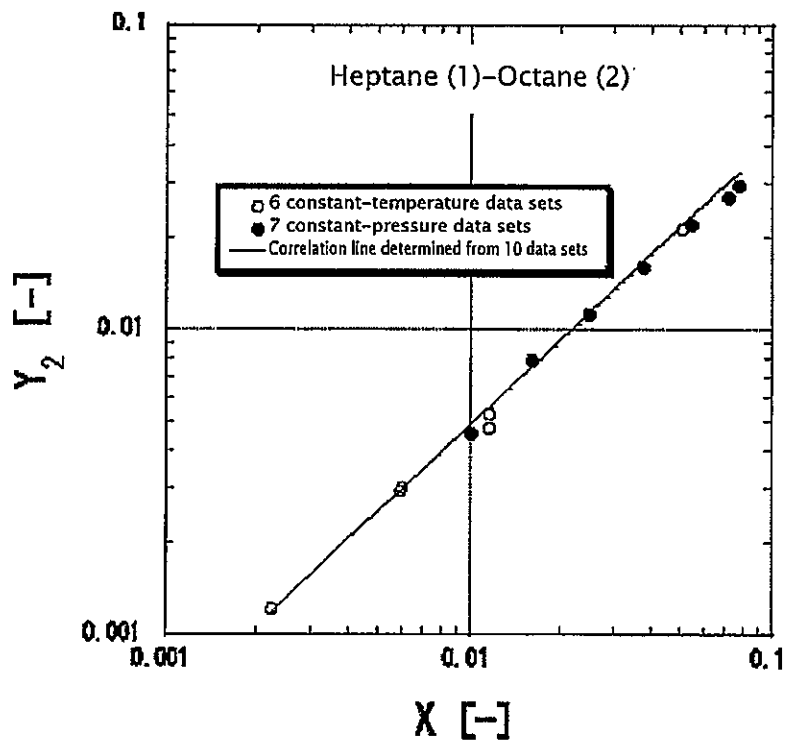


FIG. 6(b)

FIG. 7

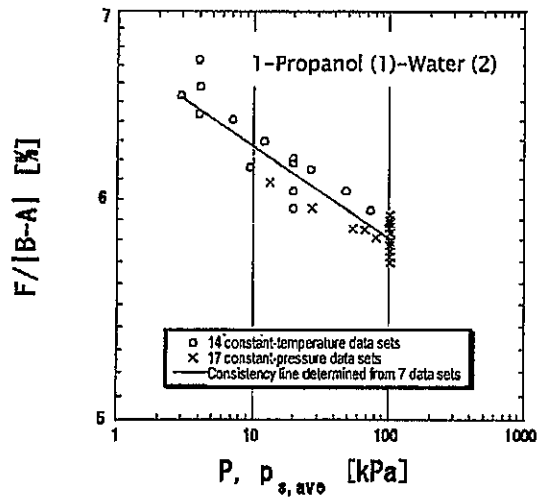


FIG. 7(a)

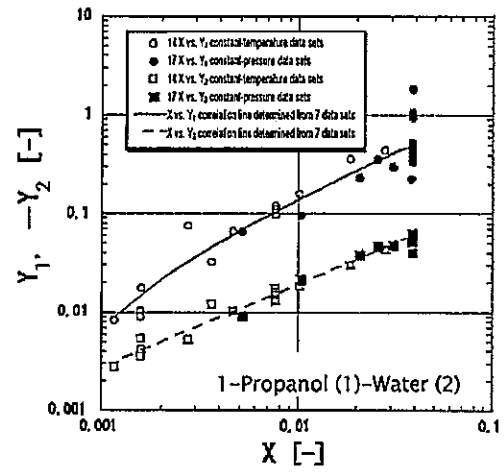


FIG. 7(b)

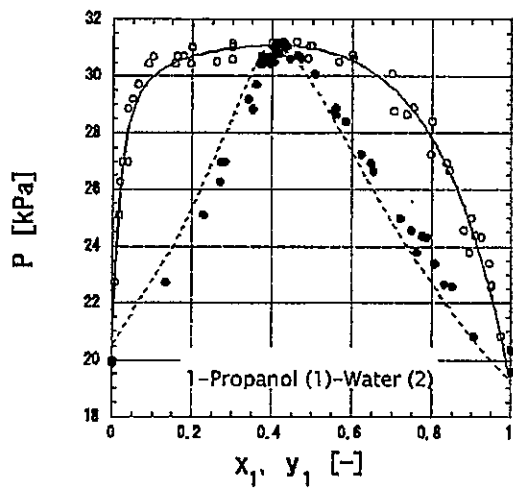


FIG. 7(c)

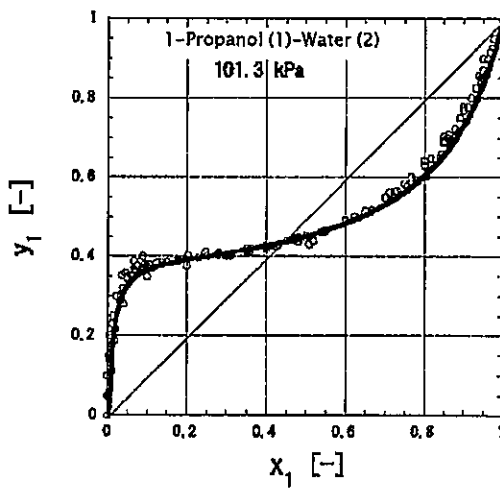


FIG. 7(d)

FIG. 8

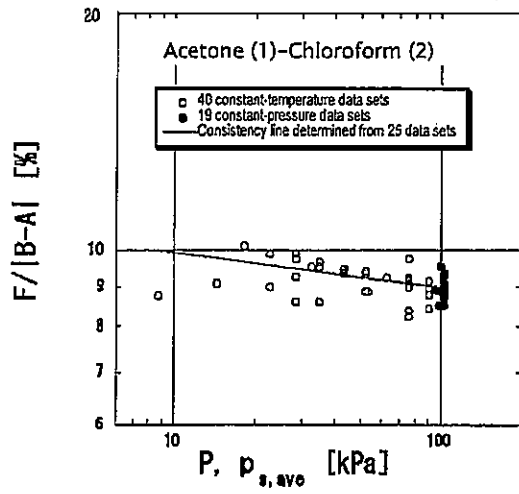


FIG. 8(a)

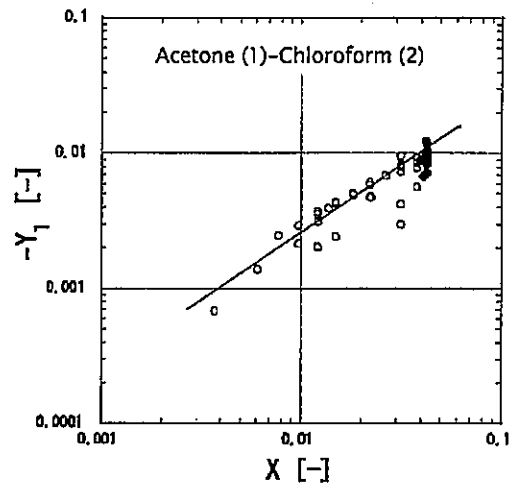


FIG. 8(b)

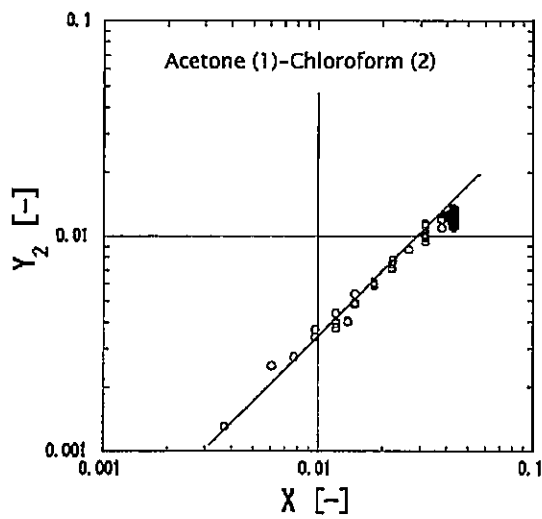


FIG. 8(c)

FIG. 9

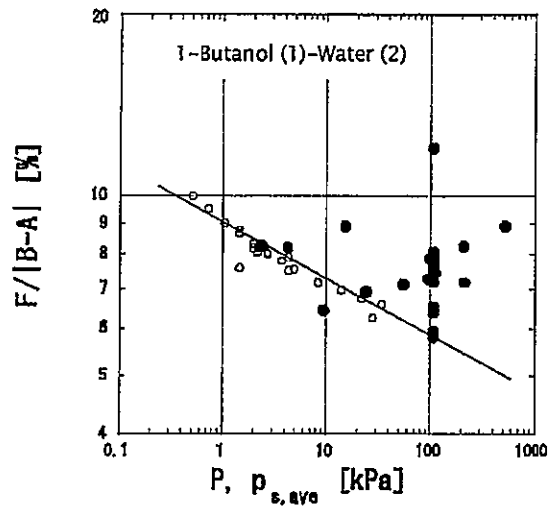


FIG. 9(a)

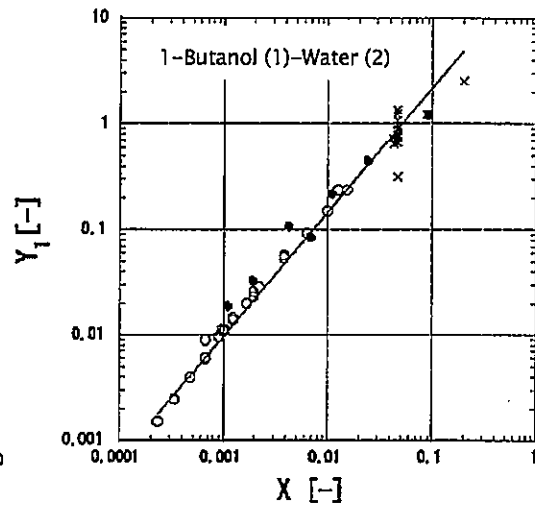


FIG. 9(b)

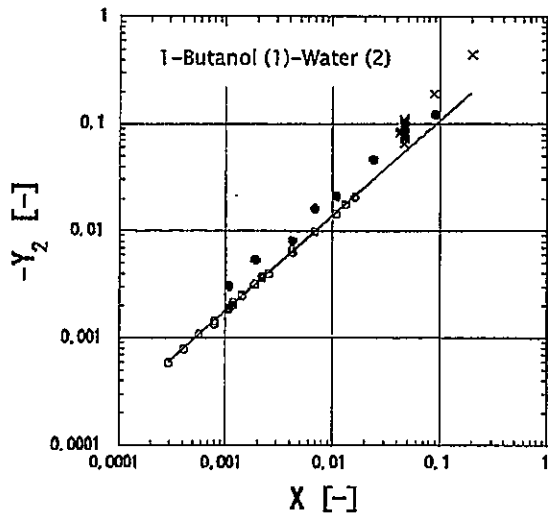


FIG. 9(c)

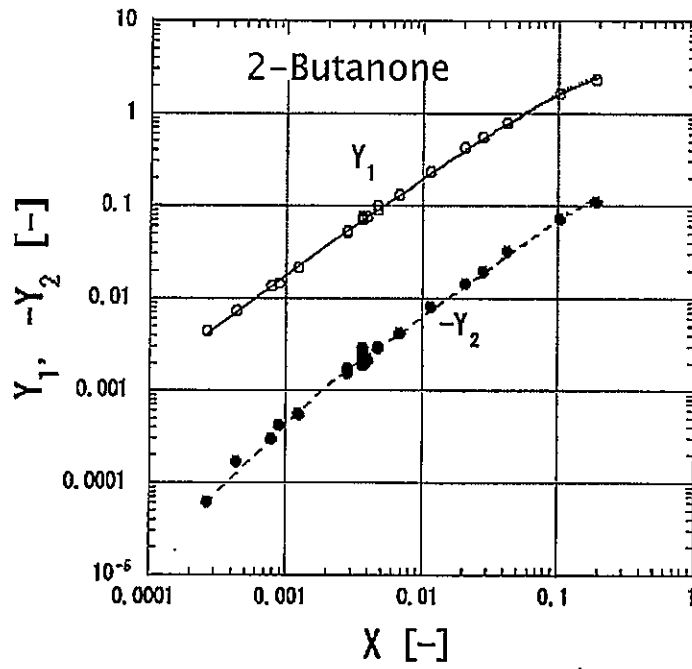
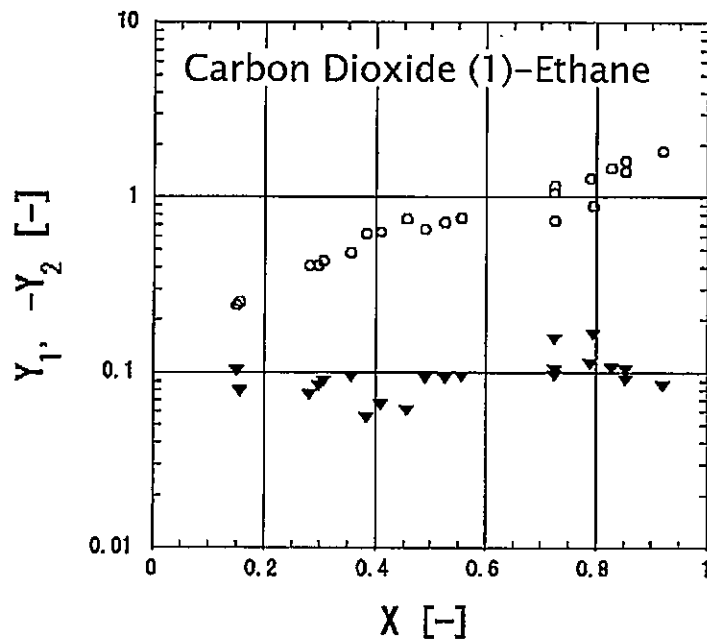
FIG. 10*FIG. 11*

FIG. 12

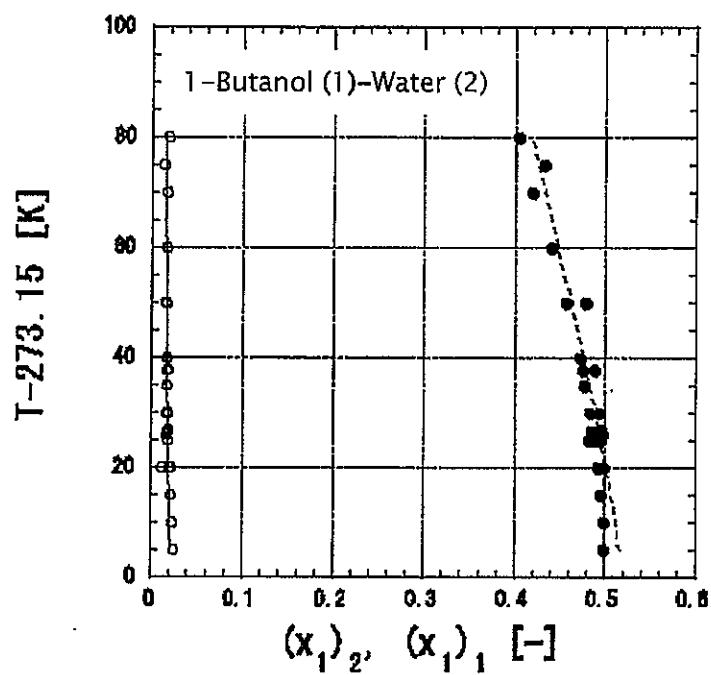


FIG. 12(a)

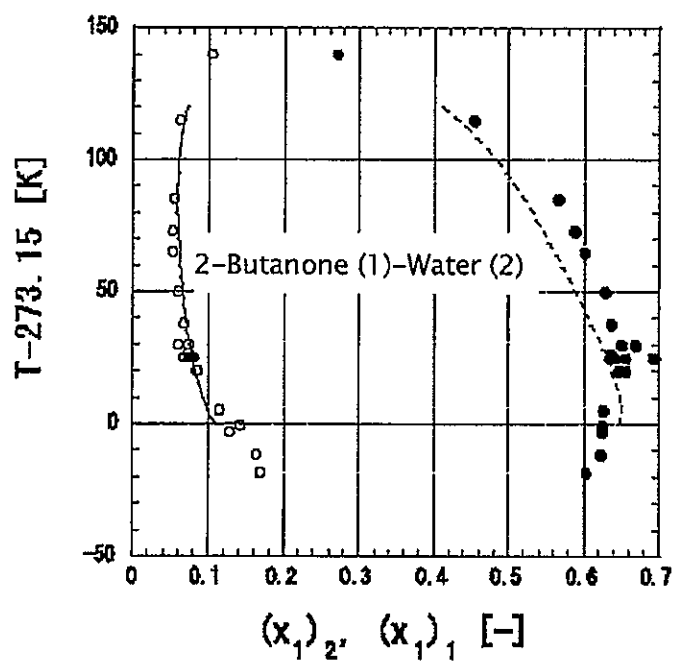


FIG. 12(b)

FIG. 13

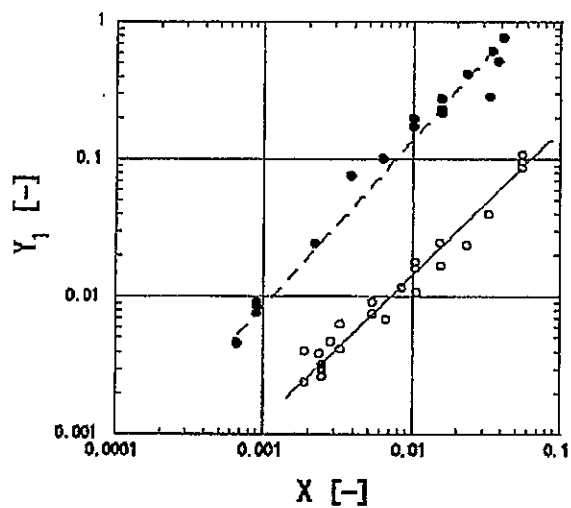


FIG. 14

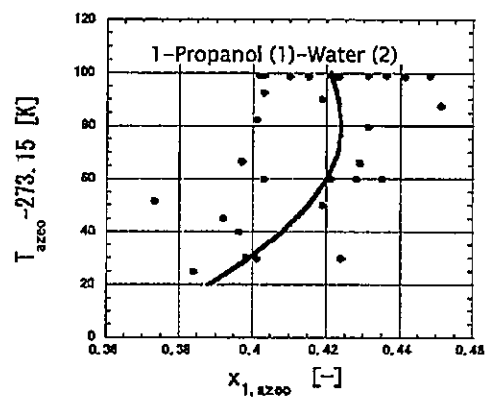


FIG. 14(a)

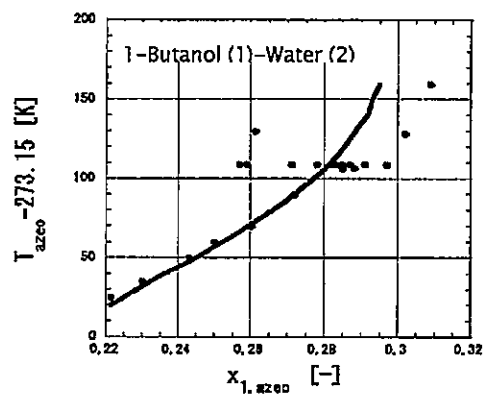


FIG. 14(b)

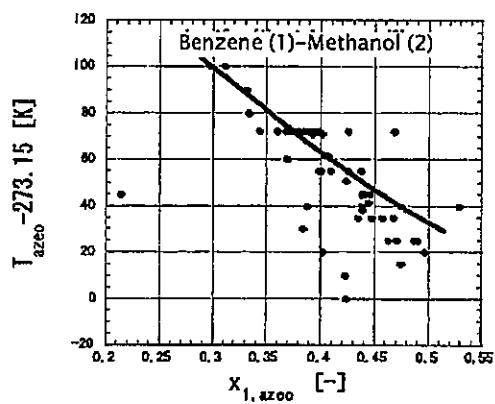


FIG. 14(c)

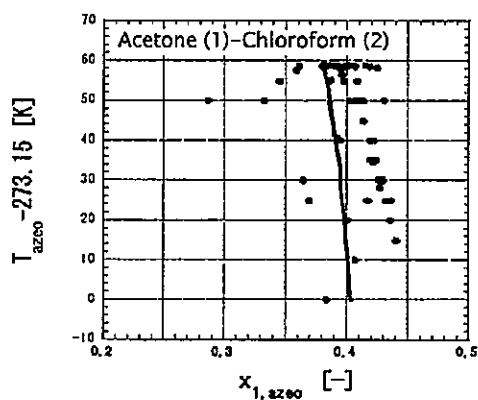


FIG. 14(d)

FIG. 15

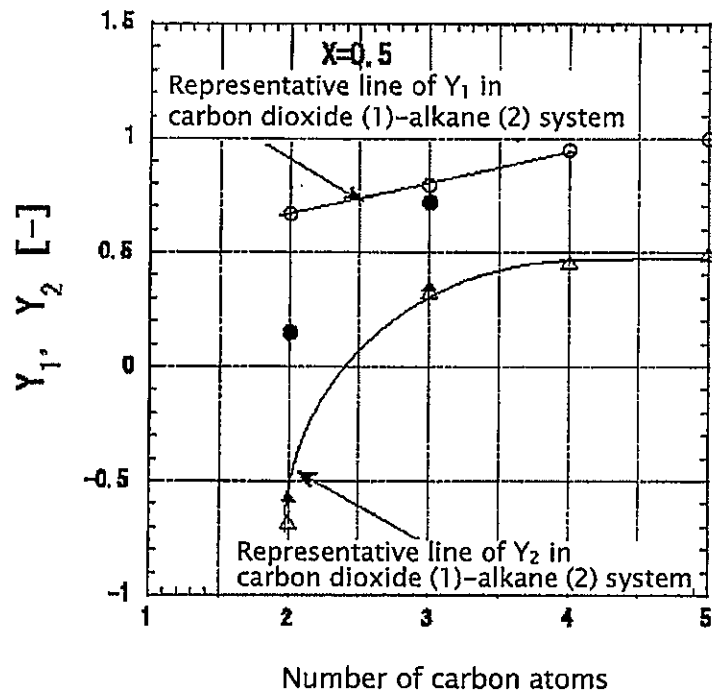


FIG. 15(a)

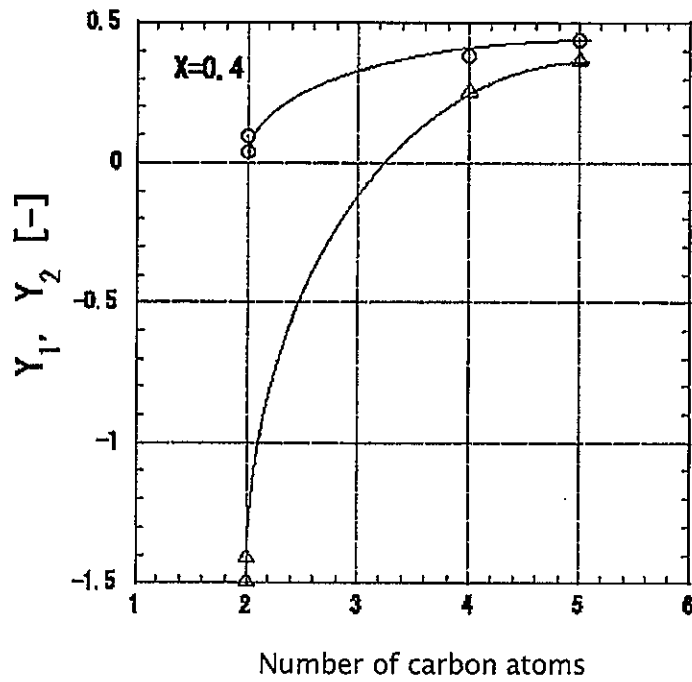


FIG. 15(b)

FIG. 16

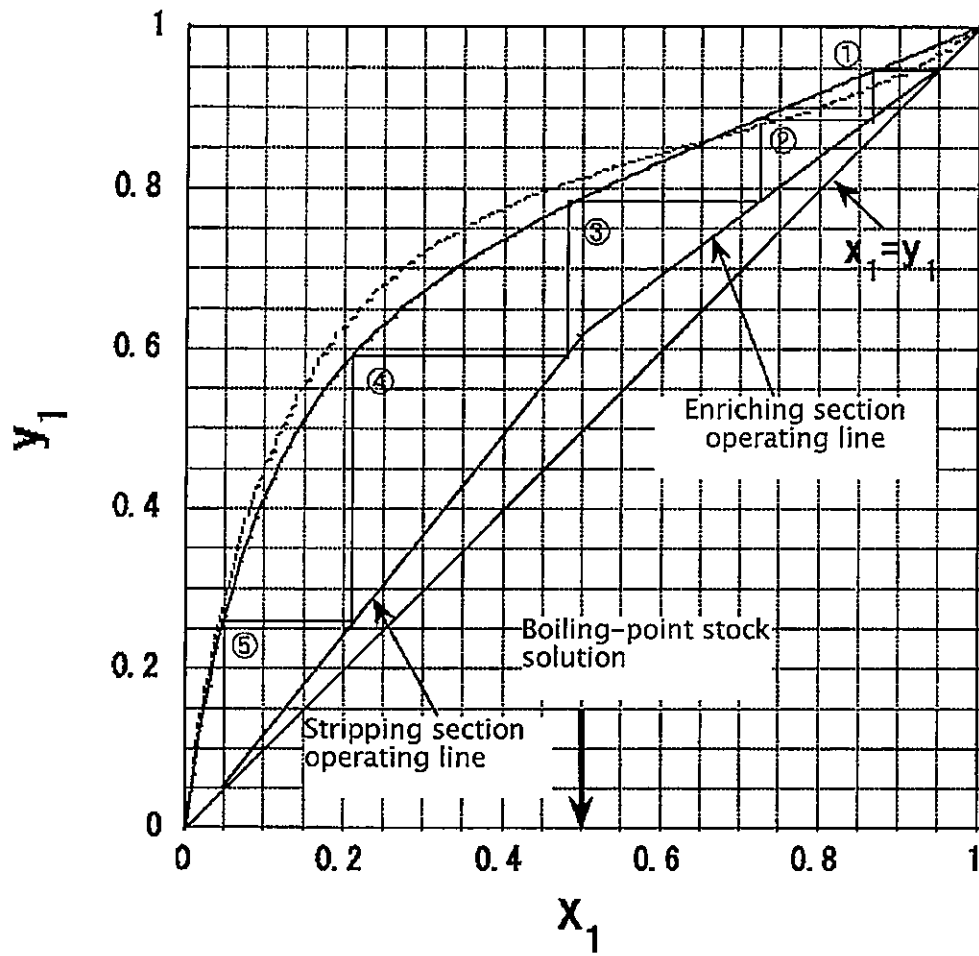


FIG. 17

No.	Part	Page	Constant Temperature /Pressure	P. T	Unit	A	B
1	1	37	P	735	mmHg	1.2125	0.497
2	1	38	T	39.76	°C	0.4354	0.5222
3	1	39	T	49.76	°C	0.4502	0.5957
4	1	40	P	760	mmHg	0.8016	0.6361
5	1	41	T	50	°C	0.6916	0.5626
6	1	42	T	25	°C	0.4749	0.3378
7	1	43	P	760	mmHg	0.7933	1.125
8	1	44	T	25	°C	0.5548	0.5768
9	1	45	T	50	°C	0.6169	0.5848
10	1	46	T	62.5	°C	0.6271	0.5537
11	1	47	P	760	mmHg	0.7923	0.5434
12	1	48	P	760	mmHg	0.7661	0.5451
13	1	49	T	100	°C	0.8359	0.3786
16	1	52	P	760	mmHg	0.7607	0.5449
17	1	53	P	760	mmHg	0.8165	0.485
18	1	54	P	760	mmHg	0.8709	0.5278
19	1	55	T	35	°C	0.6904	0.4245
20	1	56	T	50	°C	0.6506	0.5204
21	1	57	T	65	°C	0.7292	0.5116
22	1	0	P	760	mmHg	0.7611	0.6207
23	1	60	P	760	mmHg	0.7279	0.6174
24	1	61	P	60	mmHg	0.392	0.2183
25	1	62	P	100	mmHg	0.5431	0.2737
26	1	63	P	200	mmHg	0.6547	0.4016
27	1	64	P	350	mmHg	0.731	0.4322
28	1	65	P	760	mmHg	0.7718	0.4545
29	1	66	P	200	mmHg	0.6939	0.3825
30	1	67	P	350	mmHg	0.7862	0.4607
31	1	68	P	500	mmHg	0.8158	0.4388
32	1	69	P	760	mmHg	0.8482	0.4956
33	1	70	P	760	mmHg	0.77	0.5304
34	1	71	P	760	mmHg	0.838	0.3032
35	1	72	T	39.9	°C	0.6875	0.4943
36	1	73	T	100	°C	0.8149	0.3937
37	1	74	P	760	mmHg	0.787	0.3858
38	1	75	P	760	mmHg	0.6458	0.5761
39	1	76	P	760	mmHg	0.761	0.5376
40	1 a	49	T	25	°C	0.6304	0.4237
43	1 a	52	P	760	mmHg	0.8664	0.4516
44	1 a	53	P	760	mmHg	0.8517	0.4648
45	1 a	54	P	760	mmHg	0.7782	0.5327
46	1 a	55	P	760	mmHg	0.8325	0.3231
47	1 a	57	T	60	°C	0.7803	0.5016
48	1 a	58	P	760	mmHg	0.8164	0.4927
50	1 a	61	P	760	mmHg	0.811	0.5167
51	1 b	22	P	760	mmHg	0.7546	0.5824
52	1 b	23	P	200	mmHg	0.7329	0.4184
53	1 b	24	P	350	mmHg	0.7865	0.4402
54	1 b	25	P	500	mmHg	0.8139	0.4492
55	1 b	26	P	760	mmHg	0.8316	0.4742
58	1 b	29	T	24.99	°C	0.5533	0.4339
59	1 b	32	T	39.9	°C	0.463	0.635
60	1 b	33	T	45	°C	0.6492	0.5144

FIG. 18

	Part	Page	Constant Temperature/ Pressure	P, T	Unit	A	B
1	6 b	188	T	97.2	°C	0.0367	-0.0673
2	6 b	189	T	55	°C	0.0358	0.1751
3	6 b	190	P	92.3	mmHg	0.0718	0.0799
4	6 b	191	P	149.19	mmHg	0.1347	-0.1677
5	6 b	192	P	233.53	mmHg	0.0307	-0.0638
6	6 b	193	P	355.1	mmHg	0.0273	-0.0642
7	6 b	194	P	525.8	mmHg	0.0153	-0.0254
8	6 b	195	P	760	mmHg	0.0549	0.0146
9	6 e	620	T	20	°C	0.0065	0.028
10	6 e	621	T	39.6	°C	0.0027	0.0266
11	6 e	622	T	55	°C	0.0169	0.0235
12	6 e	623	P	705.06	mmHg	0.0272	0.0384
13	6 e	624	T	40	°C	-0.0012	0.0004

FIG. 19

	Part	Page	Constant Temperature/ Pressure	P, T	Unit	A	B
1	1	285	T	25	°C	2.664	1.2128
2	1	286	P	760	mmHg	2.535	0.9385
3	1	287	P	758	mmHg	2.839	0.8838
4	1	288	P	760	mmHg	2.4366	1.2151
5	1	289	P	760	mmHg	2.535	0.9385
6	1	290	P	760	mmHg	2.6793	0.9702
7	1	291	P	760	mmHg	2.9378	0.8239
8	1	292	P	760	mmHg	2.3537	1.0079
9	1	293	T	40	°C	2.4163	1.0414
10	1	294	T	60	°C	2.3353	1.0843
11	1	295	P	760	mmHg	2.4117	0.9683
12	1	296	T	90	°C	2.4054	0.8601
13	1	297	T	60	°C	2.5877	1.307
14	1	298	P	200	mmHg	2.7708	0.8634
15	1	299	P	400	mmHg	2.7438	0.8003
16	1	300	P	600	mmHg	2.7173	0.7552
17	1	301	P	760	mmHg	2.707	0.7172
18	1	302	P	745	mmHg	2.4939	0.9135
19	1	303	T	30	°C	2.6328	1.3569
20	1	304	T	45	°C	2.7922	1.0486
21	1	305	T	60	°C	2.8664	1.0592
22	1	306	T	30	°C	2.0618	1.4159
23	1	307	T	60	°C	2.2449	1.2106
24	1	308	T	30.35	°C	2.3619	1.2145
25	1	309	T	49.92	°C	2.3279	1.1777
26	1	310	T	65.94	°C	2.271	1.097
27	1	311	T	79.8	°C	2.277	1.0147
28	1	a 236	P	100	mmHg	2.8386	0.6727
29	1	a 237	P	500	mmHg	2.4876	1.357
30	1	a 238	P	760	mmHg	2.2799	1.0268
31	1	a 239	P	760	mmHg	2.7549	0.925

FIG. 20

Part	Page	Constant Temperature/ Pressure	P, T	Unit	A	B
1	3	b 9	T	50 °C	-0.9526	-0.6659
2	3	b 10	T	50 °C	-0.9443	-0.6563
3	3	b 11	T	50 °C	-0.9253	-0.6817
4	3	b 12	T	25 °C	-0.9683	-0.6837
5	3	b 13	T	35.17 °C	-1.0631	-0.7695
6	3	b 14	T	25 °C	-1.2415	-0.6979
7	3	b 15	P	760 mmHg	-0.8769	-0.4647
8	3	b 16	T	40 °C	-1.0462	-0.7169
9	3	b 17	T	50 °C	-0.9245	-0.6795
10	3	b 18	T	50 °C	-0.4996	-0.6897
11	3	b 19	P	760 mmHg	-1.0004	-0.5597
12	3	b 21	P	760 mmHg	-0.7539	-0.5233
13	3	b 23	T	40 °C	-0.7782	-0.7761
14	3	b 24	T	55 °C	-0.5469	-0.6719
15	3	c 108	T	50 °C	-0.9253	-0.6817
16	3	c 110	T	50 °C	-0.963-4	-0.721
17	3	c 111	T	30 °C	-1.0908	-0.7547
18	3	c 112	P	760 mmHg	-0.7949	-0.6627
19	3	c 113	T	30 °C	-1.1442	-0.7849
20	3	c 114	P	705.06 mmHg	-0.816	-0.6805
21	3	c 115	P	760 mmHg	-0.8355	-0.4982
22	3	c 116	P	760 mmHg	-0.7813	-0.5782
23	3-4	87	T	28.15 °C	-1.0961	-0.8115
24	3-4	88	T	40.4 °C	-0.7639	-0.6306
25	3-4	89	T	55.1 °C	-0.7471	-0.5629
26	3-4	90	P	760 mmHg	-0.6133	-0.5016
27	3-4	91	P	760 mmHg	-0.7123	-0.6588
28	3-4	92	P	760 mmHg	-0.8404	-0.581
29	3-4	93	P	760 mmHg	-1.0482	-0.6055
30	3-4	94	T	35 °C	-1.0198	-0.8017
31	3-4	95	T	45 °C	-0.856	-0.7299
32	3-4	96	T	55 °C	-0.8235	-0.691
33	3-4	97	P	760 mmHg	-0.8517	-0.6597
34	3-4	98	T	25 °C	-0.6141	-0.7463
35	3-4	99	T	25 °C	-1.1723	-0.7856
36	3-4	100	T	35 °C	-1.0218	-0.73-48
37	3-4	101	T	50 °C	-0.855	-0.6087
38	3-4	102	T	25 °C	-1.227	-0.9551
39	3-4	104	T	50 °C	-1.1938	-0.849
40	3-4	106	P	760 mmHg	-0.7286	-0.5689
41	3-4	107	P	760 mmHg	-0.8382	-0.5857
42	3-4	108	T	15 °C	-1.3122	-0.8931
43	3-4	109	T	20 °C	-1.2205	-0.8819
44	3-4	110	T	30 °C	-1.1476	-0.7717
45	3-4	111	T	35 °C	-1.0557	-0.7603
46	3-4	112	T	40 °C	-1.0135	-0.7167
47	3-4	113	T	50 °C	-0.8998	-0.6596
48	3-4	114	T	55 °C	-0.8268	-0.6713
49	3-4	115	P	760 mmHg	-0.9166	-0.4856
50	3-4	116	T	0 °C	-0.6632	-0.9099
51	3-4	117	T	10 °C	-0.838	-1.2639
52	3-4	118	T	20 °C	-0.805	-1.0303
53	3-4	119	T	30 °C	-0.5948	-0.9382
54	3-4	120	T	50 °C	-0.3922	-0.8919
55	3-4	121	P	760 mmHg	-0.7748	-0.6374
56	3-4	122	P	732 mmHg	-0.599	-0.6021
57	3-4	123	P	738 mmHg	-0.8066	-0.6287
58	3-4	124	P	750 mmHg	-1.1261	-0.5054
59	3-4	125	T	35.17 °C	-1.0105	-0.756

FIG. 21

Temperature (°C)	$(x_1)_2$	$(x_1)_1$
5	0.02502	0.5011
10	0.02322	0.5019
15	0.02128	0.5048
20	0.02017	0.5081
25	0.01892	0.5112
30	0.01818	0.5166
35	0.0175	0.5233
40	0.01688	0.5285
50	0.01651	0.5432
60	0.01667	0.5599
70	0.01723	0.581
80	0.01767	0.597
26	0.01662	0.5039
50	0.01554	0.5224
37.78	0.01608	0.5254
37.78	0.01851	0.5117
26.7	0.01878	0.5148
27	0.01797	0.5055
30	0.01742	0.507
25	0.01797	0.5178
25	0.01851	0.5055
20	0.02097	0.5086
20	0.01237	0.5023
75	0.01316	0.5678
25	0.01854	0.5058
123	0.05966	0.8313
26	0.01662	0.5039
50	0.01554	0.5224
37.78	0.01608	0.5254
37.78	0.01851	0.5117
26.7	0.01878	0.5148
27	0.01797	0.5055
30	0.01742	0.507
25	0.01797	0.5178
25	0.01851	0.5055
20	0.02097	0.5086
20	0.01237	0.5023
75	0.013116	0.5678
25	0.01854	0.5048
123.1	0.05966	0.8313
124.3	0.09312	0.8774

FIG. 22

Temperature (°C)	$(x_1)_2$	$(x_1)_1$
73	0.05198	0.413
25	0.07311	0.3079
25	0.06798	0.3055
20	0.0834	0.3553
20	0.08587	0.3442
25	0.07903	0.347
30	0.07337	0.3499
25	0.078	0.3638
25	0.07461	0.3079
-18.51	0.1697	0.3965
-0.6	0.1414	0.3766
-2.53	0.1277	0.3757
25	0.07611	0.3659
37.78	0.06725	0.3638
26.7	0.07311	0.3638
25	0.07686	0.3574
30	0.06086	0.331
-11.4	0.1629	0.3784
5	0.1154	0.3743
25	0.07876	0.3444
50	0.06086	0.3722
65	0.05299	0.3985
85	0.054	0.4345
115	0.06262	0.546
140	0.1039	0.7291

FIG. 23

Temperature K	P _{1s} MPa	P _{2s} MPa	A	B
260	2.42	1.72	0.905	1.3
283.15	4.51	3.03	0.327	1.323
269.25	3.14	2.18	0.674	1.283
255.34	2.11	1.52	0.906	1.328
241.45	1.35	1.01	0.984	1.447
252.95	1.96	1.42	0.964	1.319
288.71	5.17	3.43	0.298	1.351
266.48	2.91	2.03	0.703	1.297
244.26	1.49	1.1	0.946	1.489
222.04	0.65	0.53	1.206	1.782
293.15	5.74	3.78	0.436	1.148
283.15	4.51	3.03	0.531	1.219
263.15	2.65	1.87	0.73	1.319
243.15	1.43	1.07	0.938	1.458
223.15	0.68	0.55	1.203	1.658
250	1.79	1.31	0.856	1.435
298.15	6.45	4.2	0.447	1.045
293.15	5.74	3.78	0.511	1.14
291.15	5.48	3.62	0.508	1.213
288.15	5.1	3.39	0.514	1.253
283.15	4.51	3.03	0.589	1.225

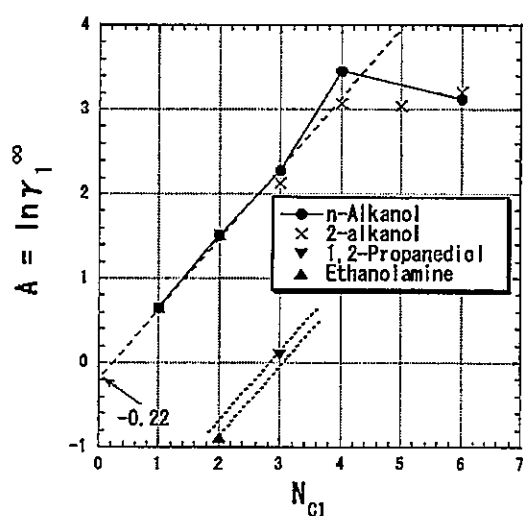
FIG. 24

FIG. 25

