

0.00521; the values for E_z should read, 0.02605, 0.06430, 0.07945 and 0.08389; the values for $E_z - E_x$ should read, 0.02461, 0.06172, 0.07557 and 0.07868; the values for E'_B should read 0.06148, 0.09859, 0.11257 and 0.11366; the values for $E'_B - 0.03783$ should read, 0.02365, 0.06076, 0.07474 and 0.07583.

The Role of Weight of Acyl in the Migration from Nitrogen to Oxygen. I, by L. Chas. Raiford and C. E. Greider.

P. 437. In line 1 of the Summary, instead of "O-acylaminophenol," read "ortho-acylaminophenol."

Critical Potentials of Hydrogen in the Presence of Nickel Catalyst, by A. W. Gauger.

P. 677. The cut should be inverted but the coördinate numbering retained as printed.

Adsorption and Surface Tension at Liquid-Liquid Interface, by J. Howard Mathews and Alfred J. Stamm.

P. 1071 ff. The authors write as follows.

We are indebted to Professor Van der Meulen and Mr. William Rieman, 3rd, of Rutgers College, for calling our attention to a systematic mathematical error which occurs in our paper on "Adsorption and Surface Tension at Liquid-Liquid Interface." The values given in Cols. 4 and 5, Table III, p. 1078, are to be corrected. (See accompanying table.) Due to a systematic error in calculation they have been shifted considerably, but their difference (Col. 6) remains about the same and the final results, giving the thickness and cross section (Cols. 9 and 10) of the adsorbed dimethylaniline molecules, are essentially of the same magnitude. None of the conclusions drawn in the paper need, therefore, be altered.

TABLE III (Corrected)
THICKNESS OF DIMETHYLANILINE MOLECULES CALCULATED FROM SURFACE-TENSION DATA

Heptane-Water Interface									
No.	% Dimethyl- aniline (by vol.)	d_{25}^{25} interface	Moles of dimethyl- aniline per cc. $\times 10^3$			$\frac{d\sigma}{d \log C}$	Moles per sq. cm. $\times 10^{10}$	Thickness in cm. $\times 10^7$ ($m\mu$)	Cross section in sq. cm. $\times 10^{14}$ (Sq. $m\mu$)
	in interface		(Sol.)	(Interface)	(Excess)				
2	16.5	0.727	0.094	1.303	1.209	2.60	1.05	0.869	0.241
3	45.0	.803	.564	3.553	2.989	4.23	1.71	.572	.365
4	57.0	.842	1.129	4.501	3.372	4.35	1.75	.520	.402
5	67.0	.870	1.974	5.291	3.317	4.46	1.80	.543	.385
6	79.7	.901	3.948	6.294	2.346	5.22	2.10	.894	..
7	90.0	.929	5.919	7.107	1.188	7.18	2.89	2.44	..
Benzene-Water Interface									
2	9.0	0.883	0.237	0.711	0.474	0.63	0.254	0.536	0.390
3	15.5	.888	.491	1.224	.733	1.00	.403	.549	.381
4	18.0	.890	.564	1.421	.857	1.15	.464	.542	.386
5	26.5	.896	.877	2.093	1.216	1.61	.650	.535	.391
6	30.5	.900	1.098	2.408	1.310	1.74	.703	.537	.389
7	34.5	.903	1.319	2.724	1.405	1.94	.783	.557	.375
8	41.0	.909	1.793	3.238	1.445	1.97	.796	.551	.379
9	50.0	.916	2.632	3.958	1.326	2.39	.965	.728	..
10	63.0	.926	3.948	4.975	1.027	5.13	2.09	2.04	..
11	67.5	.930	4.517	5.330	0.813	5.39	2.18	2.68	..
12	78.5	.938	5.646	6.199	.553	5.39	2.18	3.94	..
13	87.0	.946	6.578	6.870	.292	5.39	2.18	7.47	..