Tables from "Turbulent line vortices," by Hoffmann & Joubert (1)
J. Fluid Mech. 16, 1963, pp. 395-411. (Held in Editor's files for loan to readers)

APPENDIX. CORRECTED DIMENSIONLESS EXPERIMENTAL RESULTS.

Run 1		Run 2		Run 3	
$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$
.381	.199	.298	.1335	.479	.285
.485	.320	.404	.238	.583	.423
.588	.460	.511	.387	.687	.580
.692	.590	.617	.536	.792	.738
.794	.753	.723	.683	.896	.892
.897	.883	.830	.822	1.104	1.11
1.00	1.00	.937	.933	1.31	1.26
1.10	1.09	1.04	1.044	1.73	1.41
1.21	1.18	1.15	1.10	2.35	1.51
1.41	1.28	1.26	1.19	3.39	1.65
1.62	1.33	1.58	1.38	4.44	1.81
1.83	1.36	2.21	1.49	5.48	1.83
2.03	1.43	3.28	1.75	6.52	2.014
2.23	1.49	4.34	1.80	7.56	2.17
2.65	1.57	5.41	1.98	8.33	2.16
3.06	1.66	6.47	2.16	9.65	2.12
3.47	1.75	7.53	2.21	10.70	2.17
3.89	1.83	8.60	2.20	11.72	2.28
4.30	1.89	9.67	2.27	12.77	2.39
4.72	1.91	10.73	2.26	13.80	2.33
5.13	2.02	11.80	2.42	14.84	2.46
5.53	2.07	12.85	2.48	15.90	2.46
5.95	2.04	13.91	2.43	16.93	2.50
6.36	2.10	15.0	2.73	17.97	2.42
7.40	2.29	16.06	2.60	19.0	2.50
8.43	2.41	17.10	2.65		
9.45	2.35	18.18	2.68		
10.48	2.35	19.22	2.65		
11.52	2.45				
12.54	2.44				
13.58	2.69				
14.60	2.80				
15.63	2.84				
16.67	2.92				
17.70	2.96				

Run 4		Run 5	
$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$
.283	.178	.302	.130
.391	.219	.418	.229
.500	.381	.535	.390
.608	.510	.651	.547
.717	.676	.767	.718
.827	.808	.883	.869
.935	.933	1.00	1.00
1.04	1.05	1.23	1.21
1.152	1.10	1.698	1.412
1.260	1.19	2.39	1.58
1.586	1.33	3.56	1.81
2.24	1.53	4.72	1.91
3.33	1.77	5.88	1.96
4.42	1.94	7.05	2.17
5.50	2.11	7.74	2.27
6.58	2.31	9.37	2.27
7.67	2.18	10.54	2.22
8.77	2.31	11.70	2.33
9.85	2.28	12.86	2.44
10.93	2.39	14.02	2.52
12.02	2.51	15.20	2.55
13.10	2.61	17.50	2.43
14.18	2.66	18.66	2.42
15.28	2.64	19.83	2.36
16.36	2.73	21.0	2.37
17.44	2.80		

Run 6		Run 7		Run 8	
$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$
.337	.163	.327	.123	.239	.105
.458	.300	.423	.214	.319	.193
.578	.438	.519	.294	.400	.295
.698	.603	.615	.427	.481	.377
.819	.792	.712	.577	.562	.493
.940	.939	.807	.717	.642	.574
1.060	1.060	.904	.882	.722	.693
1.180	1.125	1.00	1.00	.803	.810
1.30	1.19	1.10	1.08	.883	.886
1.54	1.32	1.19	1.13	.965	.932
2.03	1.53	1.29	1.21	1.05	1.03
2.51	1.71	1.67	1.42	1.21	1.21
2.99	1.91	2.06	1.65	1.37	1.32
3.47	1.96	2.44	1.76	1.53	1.38
3.95	2.12	2.83	1.94	1.69	1.49
4.34	2.15	3.21	1.99	2.01	1.72
4.92	2.29	3.60	2.18	2.34	1.73
5.40	2.50	3.98	2.36	2.66	1.97
5.88	2.57	4.94	2.60	2.98	2.17
6.36	2.73	5.90	2.85	3.31	2.38
6.84	2.71	6.87	2.97	3.63	2.43
7.32	2.78	7.83	3.08	3.96	2.49
8.53	2.89	8.78	3.14	4.27	2.64
9.74	3.08	9.75	3.29	4.60	2.63
10.95	3.19	10.70	3.19	4.92	2.55
12.15	3.34	11.67	3.25	5.24	2.63
13.35	3.40	12.63	3.39	5.57	2.55
14.55	3.43	13.60	3.51	5.88	2.62
15.76	3.59	14.55	3.75	6.21	2.72
16.96	3.60	15.52	3.49	6.53	2.47
18.17	3.67				
19.38	3.69				
20.6	3.64				
21.8	3.84				

Run 9		Run 10	
$\frac{r}{r_1}$	$\frac{K}{K_1}$	$\frac{r}{r_1}$	$\frac{K}{K_1}$
.139	.034	.146	.029
.208	.087	.203	.074
.278	.141	.260	.121
.347	.222	.317	.179
.417	.300	.374	.249
.556	.458	.431	.288
.625	.552	.488	.353
.695	.647	.602	.507
.764	.731	.658	.575
.833	.825	.715	.662
.903	.907	.772	.753
.973	.975	.829	.814
1.04	1.06	.887	.873
1.11	1.13	.943	.941
1.18	1.16	1.00	1.00
1.25	1.22	1.06	1.05
1.32	1.27	1.11	1.10
1.39	1.33	1.17	1.18
1.67	1.49	1.28	1.23
1.95	1.61	1.40	1.37
2.22	1.76	1.51	1.38
2.50	1.85	1.63	1.36
2.78	2.04	1.85	1.55
3.05	2.14	2.08	1.54
3.33	2.11	2.31	1.56
3.61	2.13	2.54	1.62
3.89	2.11	2.77	1.74
4.17	2.09	3.00	1.76
4.86	2.26	3.23	1.77
5.56	2.21	3.45	1.77
6.25	1.84	4.02	1.58
		4.58	1.57

Hoffmann & Joubert 14 Sept. 1965

Dear Peter,

Here are the tables that you asked for.

Please return them to be as soon as you have finished with them, but there is no urgency.

Yours,

Brooke.

Dear Brooke,

Many thanks. In case anyone else asks for further information about this work, you may like to make a note that I now have a microfilm copy of Hoffmann's thesis.

Yours,

Peter.