914[L].—P. RHODES, "Fermi-Dirac functions of integral order," R. Soc. London, *Proc.*, v. 204A, 1950, p. 396–405.

The functions

$$F_n(\eta) = \int_0^\infty x^n(e^{x-\eta} + 1)^{-1}dx$$

arise in the theoretical treatment of assemblies of particles subject to FERMI-DIRAC statistics. For the cases $n = \frac{1}{2}, \frac{3}{2}$ numerical tables are known.[1]

In the present paper n is a positive integer. A series convergent for negative η, a relation between $F_n(\eta)$ and $F_n(-\eta)$, and a polynomial approximation for large (positive) η are derived.

Table 1 (p. 404) gives the approximating polynomial for $n = 1(1)4$.

Table 2 (p. 404) gives 7D values of $F_n(\eta)/n!$ for $n = 1(1)4$, $\eta = -4(.1)0$.

A. E.

[1] J. MCDOUGALL & E. C. STONER, "The computation of Fermi-Dirac functions," R. Soc. London, *Phil. Trans.*, v. 237A, 1938, p. 67–104.
C. TRUESDELL, "On a function which occurs in the theory of the structure of polymers," *Annals Math.*, s. 2, v. 46, 1945, p. 150 [*MTAC*, v. 1, p. 445].

MATHEMATICAL TABLES—ERRATA

In this issue references have been made to Errata in RMT **883** (VAN DER POL & SPEZIALI), **889** (DELURY), **894** (HARTLEY & PEARSON), **895** (HOWELL), **902** (AKADEMIÂ NAUK SSSR).

190.—A. J. C. CUNNINGHAM, *Binomial Factorisations*. V. 2, London, 1924.

Page 189, line 6
for 39249421 *read* 30249421 = 1291·23431

D. H. L.

191.—A. J. C. CUNNINGHAM & H. J. WOODALL, *Factorisation of* $(y^n \mp 1)$. London, 1925.

Page 17, $n = 66$, *delete* the factor 3
$n = 77$, *insert* the factor 463.

N. G. W. H. BEEGER

Nicolaas Witsenkade 10
Amsterdam C, Holland

192.—J. P. STANLEY & M. V. WILKES, *Table of the Reciprocal of the Gamma Function for Complex Argument*. Computation Centre, Univ. of Toronto, 1950 [*MTAC*, v. 5, p. 25–26].

The following errors occurred in the preparation for press. A number of illegible entries are also noted. Thanks are due to Miss C. M. Munford of the University Mathematical Laboratory, Cambridge, and to Dr. van Wijngaarden of the Mathematical Centre of Amsterdam, who helped in the discovery of these errors.

	Argument			
U	x	y	Column*	
	−0.17	0.18		*read* 179387
	−0.39	0.23		*read* 330349
	−0.38	0.31		*read* 380853
	+0.43	0.38		*for* 510159 *read* 519159
	+0.35	.40–.44	(arg)	*for* +.035 *read* +0.35
	+0.02	0.44	1	*read* 84522
	−0.41	0.45		*for* 525223 *read* 535223
	+0.43	0.45		*read* 535157
	+0.33	0.45		*for* 485888 *read* 385888
	+0.02	0.64	2	*for* 210157 *read* 201157
	+0.46	0.72	2	*for* 706845 *read* 706849
	+0.43	0.79		*for* 597722 *read* 697722
	−0.01	.84–.88	(arg)	*for* 0.01 *read* −0.01
	−0.45	0.85		*for* 1−.441265 *read* −1.441265
	0.00	0.92	1	*Insert* "−0"
	+0.04	0.97		*for* 393497 *read* 393947

	Argument			
V	x	y	Column*	
	−0.19	0.06		*read* 42836
	+0.33	0.06		*for* 70200 *read* 70290
	+0.42	0.16	1	*for* 185696 *read* 185686
	−0.45	.20–.24	(arg)	*for* −.045 *read* −0.45
	−0.35	.20–.24	(arg)	*for* −0.30 *read* −0.35
	−0.15	.32–.36	(arg)	*for* 0.15 *read* −0.15
	+0.50	0.45		*read* "+"
	+0.10	0.46		*read* "+"
	+0.05	0.47		*read* "+"
	+0.26	0.52	1	*for* 605490 *read* 695490
	−0.40	.56–.60	(arg)	*for* +0.40 *read* −0.40
	−0.31	0.64	2	*for* 435506 *read* 433506
	−0.09	0.71		*for* 844477 *read* 884477
	−0.40	.72–.76	(arg)	*for* 0.40 *read* −0.40
	−0.35	.72–.76	(arg)	*for* 0.35 *read* −0.35
	−0.25	.72–.76	(arg)	*for* 0.25 *read* −0.25
	−0.45	0.80	2	*for* +1.278102 *read* +0.278102
	+0.34	0.88	1	*for* 1422458 *read* 1442458
	−0.33	0.90		*read* 807496
	−0.34	0.92	2	*read* 820268
	−0.15	0.93		*read* 1352942
	−0.27	0.95		*for* 1155247 *read* 1115247
	−0.31	0.99		*for* 1012513 *read* 1102513

* Some columns are repeated on two pages, "1" identifies the first repetition, "2" the second.

C. G. GOTLIEB

Computation Centre
Univ. of Toronto
Toronto, Ontario