

TABLE ERRATA

467.—ENZO CAMBI, "Complete elliptic integrals of complex Legendrian modulus,"
J. Math. and Phys., v. 26, 1947–48, pp. 234–245.

The tables herein of the complete integrals $K(k)$ and $K'(k)$, or $K(k')$, where the moduli k and k' are complex numbers on the unit circle, have been recomputed in connection with a more extensive tabulation [1]. Corresponding corrections in these tables of Cambi are as follows:

TABLE II

x	Modulus				Phase			
	<i>for</i>		<i>read</i>		<i>for</i>		<i>read</i>	
.5	1.34257	63618	1.34257	63599	.067	2826	.067	2827
.6	1.35713	02859	1.35713	02959	.080	4082	.080	4083
1.8	2.11965	45229	2.11938	14836	.192	0577	.192	0737

TABLE III

x	Modulus				Phase			
	<i>for</i>		<i>read</i>		<i>for</i>		<i>read</i>	
1.93	2.61151	92118	2.61151	91770	.177	0078	.177	0077
1.98	3.21400	30414	3.21400	30410	.152	0520	.152	1632
1.99	3.55104	52306	3.55104	52339	.136	0733	.139	4782

TABLE IV

x	Modulus (k')				$R(K/K')$			
	<i>for</i>		<i>read</i>		<i>for</i>		<i>read</i>	
.6					.62328	22895	.62328	22968
1.8	.55918	26861	.55934	68781	1.25112	22839	1.25093	53815
1.93					1.58524	78978	1.58524	78745

x	$ K/K' $				$-\log_{10} q' $			
	<i>for</i>		<i>read</i>		<i>for</i>		<i>read</i>	
.6	.79904	99436	.79904	99493	.85039	16175	.85039	16275
1.8	1.34733	32807	1.34715	97265	1.70700	16599	1.70674	66547
1.93	1.66223	06992	1.66223	06770	2.16287	47466	2.16287	47149

TABLE V

x	Modulus		Phase	
	<i>for</i>	<i>read</i>	<i>for</i>	<i>read</i>
.3	1.84379 34092	1.84379 34094		
1.8	1.18527 41097	1.18546 94164	.257 9423	.257 9263
1.93	.86575 05622	.86575 05507	.305 4922	.305 4923
1.97	.65509 22402	.65509 12896		
1.98	.55965 54934	.56965 54934	.342 9480	.342 8368
1.99			.361 4267	.358 0218

x	Real Part		Imag. Part	
	<i>for</i>	<i>read</i>	<i>for</i>	<i>read</i>
.3			.097 7314	.099 5753
1.8	1.089 6646	1.089 4979	.467 2115	.467 2602
1.93	.768 4122	.767 9699	.399 6827	.399 6828
1.97	.567 8138	.567 8130	.326 7007	.326 7001
1.98	.488 9784	.489 0294	.292 2457	.292 1603
1.99	.375 2372	.376 5118	.239 3140	.237 3037

TABLE VI

Real Part

x	<i>for</i>	<i>read</i>
1.9	— .00154 13332	— .00154 10359

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1. HENRY E. FETTIS & JAMES C. CASLIN, *A Table of the Complete Elliptic Integral of the First Kind for Complex Values of the Modulus*, Report ARL 69-0172, Aerospace Research Laboratories, Wright-Patterson Air Force Base, Ohio, November 1969.