

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.