

if M_n is the maximum of $|f^{(n)}(x)|$ in the segment and if $\sum \frac{1}{M_n^{1/n}}$ is divergent, then $f(x)$ is completely determined by its value and that of its derivatives at a single point. $\phi(t)$ obeys the conditions of the theorem and by taking the point to be $t = 0$, theorem 4 follows.

I hope that this note will correct any misunderstandings that may have arisen on the main paper, and I regret that a number of circumstances, not the least of which is war, have made it impossible to forward the correction at an earlier date.

ANNOUNCEMENT CONCERNING COMPUTATION OF MATHEMATICAL TABLES

In the December, 1939, issue of the *Annals of Mathematical Statistics*, p. 399, there appeared an Announcement of the *Mathematical Tables Project*. This project is operated by the Work Projects Administration of New York City, as O. P. No. 265-2-97-11 under the technical supervision of Dr. A. N. Lowan. It is sponsored by the National Bureau of Standards, Dr. Lyman J. Briggs, Director.

In order to keep the readers of the *Annals* up-to-date on the progress of the work of the Project, information will be released from time to time.

The following list shows the status of work, as of October, 1941. The reader is referred to the December, 1939 issue of the *Annals* with respect to which n will denote the n^{th} item of Tables Published, P_n will denote the n^{th} item of Tables in Progress and C_n will denote the n^{th} item of Tables under Consideration.

Tables published. 1, 2, 3, P_1 , P_2 , P_3 , P_4 , $P_6(b)$, $P_6(c)$, $P_6(d)$, $P_6(e)$, P_7 , C_7 and also

1. Table of Five-Point Lagrangian Interpolants for arguments ranging between 0 and 2 at intervals of 0.001.

2. Tables of Grid Coordinates (American Polyconic Projection) at 5 minute intervals of latitude and longitude for latitude from 70°N to 28°N and for latitude from 49°N to 72°N .

3. Table for Map Projections of Northwestern Extension of U. S.

Tables in process of reproduction. P_5 , $P_6(a)$, P_8 and C_1 for $[0 (.001) 7 (.01) 50 (.1) 300 (1) 2,000 (10) 10,000; 12D]$ also

1. Tables of Section Moduli and Moments of Inertia for Structural Members used in Naval Architecture. (For the Bureau of Marine Inspection and Navigation.)

2. Tables of $Si(x)$ and $Ci(x)$ for x ranging from 10 to 100 at intervals of 0.001.

3. The zeros of the Legendre Polynomials up to the 16th order to 15 decimal places and the Weight Coefficients for Gauss' Mechanical Quadrature Formula.

Tables for which manuscripts are completed. *P9*, *P11*, *C6*, (the function x^y , instead of $A(x, y)$, has been tabulated to 15 places), and also

1. Table of $\int_0^x J_0(t) dt$ from 0 to 10 at intervals of 0.01 to 10 places.

Tables for which computations are completed. *P10* (also $\tanh x$, $\coth x$), *C2*, *C3*, (change to $n = -21, -20 \dots 0$) and also

1. Various hydraulic tables based on Kutter's and Manning's formulae. (Tabulation suggested by the War Department.)

2. Table of reciprocals of the integers from 100,000 to 200,000.

3. Table of the Associated Legendre Functions $P_n^m(x)$ and $Q_n^m(x)$ for n ranging between 1 and 10, and m between 0 and 4; for arguments x and ix where x ranges between 0 and 10 at intervals of 0.1. Also corresponding values for half-integral values of n and values of the functions for arguments in degrees. (Tabulation suggested by National Defense Research Committee.)

4. Tables of $R \sin \theta$ and $R \cos \theta$. $R = 1000$ (10) 10,000, $\theta = 5(5)800$ (in mils).

Tables for which computations are in progress. *C3* (for $n = 1, 2, \dots 20$) and also

1. Table of the Bessel Functions $Y_0(z)$ and $Y_1(z)$ for the same complex arguments as in $J_0(z)$ and $J_1(z)$, mentioned in *P9*.

2. Tables of Length of Meridional Arc at one-minute intervals.

3. Tables of the Confluent Hypergeometric Function for selected values of the parameters.

4. Tables of three-point, four-point, six-point and seven-point Lagrangian Interpolants.

5. Table of Tchebysheff Polynomials.

Tables under consideration. *C4* and also

1. Table of the first 10 powers of the reciprocals of the integers from 1 to 1,000.

2. Extensive tables of Elliptic Functions for both real and imaginary arguments.

3. A 12-place table of Inverse Circular and Hyperbolic Functions other than Arc $\tan x$.

4. Table of the Integral $\int_0^x Y_0(t) dt$.

5. Tables of the non-periodic solutions of the Mathieu Differential Equation.

6. Table of the Error Functions for complex arguments (suggested by Federal Communication Commission).

7. Tables of the Unit-Sigma Functions and their integrals.

8. Tables of Circular Functions for Complex Arguments.
9. Tables of the Zeros of the Hermite and Laguerre Polynomials and of the corresponding Weight Factors in Gauss' Mechanical Quadrature Formula.
10. Table of Lamé Polynomials.
11. Table of Military Grid Coordinates for certain "Control Stations." (For the War Department.)
12. Tables of the Chi-Square Distribution and "Student's" t -distribution.
13. Tabulation of Fisher's A -, B -, and C -Distributions of the Multiple Correlation Coefficients.

The Project would welcome suggestions for the computation of new tables of interest in pure and applied mathematics, as well as information regarding computational work in progress elsewhere.

Communications should be addressed to Major Irving V. Huie, Administrator, Work Projects Administration, 70 Columbus Avenue, New York City.

Requests for copies of published tables should be addressed to Dr. Lyman J. Briggs, Director of the National Bureau of Standards, Washington, D. C.