ANNOUNCEMENT OF THE PROJECT FOR THE COMPUTATION OF MATHEMATICAL TABLES

FEDERAL WORKS AGENCY

WORK PROJECTS ADMINISTRATION

NEW YORK, N. Y.

Sponsored by the Bureau of Standards, Washington, D. C., Dr. Lyman J. Briggs, Director, and Dr. Arnold N. Lowan, Technical Director of the Project. Administrative Staff: Mr. Murray Pfeferman and Mr. Milton Abramowitz. Technical Staff: Dr. Gertrude Blanch, Dr. Norman Davids, Mr. William Horenstein, Mr. Jacob L. Miller, Miss Ida Rhodes, Dr. J. Rosenthal, and Mr. Herbert E. Salzer.

The Project for the Computation of Mathematical Tables has been in operation since January 1, 1938. The aim of this project is to compute Mathematical Tables of fundamental importance in Mathematics, Physics, Chemistry, Engineering, Statistics and related sciences. Lists of (A) Tables Published, (B) Tables in Process of Reproduction, (C) Tables for Which Manuscripts are Completed, (D) Tables for Which Computations are Completed, (E) Tables for Which Computations are in Progress and (F) Tables under Consideration, are given in this announcement.

The project would welcome suggestions for the computation of tables of interest in pure and applied Mathematics as well as information regarding computational work in progress elsewhere. Communications should be addressed to Oliver A. Gottschalk, Acting 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, National Bureau of Standards, Washington, D. C.

A. Tables Published

1. Table of the First Ten Powers of the Integers from 1 to 1,000. 80 pp. (1939).
2. Tables of the Exponential Function e^x. 535 pp. (1939).

$x = [-2.5000(0.0001)1.0000; 18D],$[1] $\quad x = [1.0000(0.0001)2.5000; 15D],$

$x = [2.500(0.001)5.000; 15D],$ $\quad x = [5.00(0.01)10.00; 12D].$

3. Tables of sin x and cos x for Radian Arguments. 275 pp. (1940).

$x = [0.000(0.001)25.000; 8D],$ $\quad x = [0(1)100; 8D],$

$x = [0.00001(0.00001)0.00009; 15D],$ $\quad x = [0.0001(0.0001)0.0009; 15D],$

$x = [0.001(0.001)0.009; 15D],$ $\quad x = [0.01(0.01)0.09; 15D],$

$x = [0.1(0.1)0.9; 15D],$ $\quad x = [0.00000(0.00001)0.01000; 12D].$

There is also included a conversion table between radians and degrees.

4. Tables of sin x, cos x, sinh x, cosh x for Radian Arguments. 405 pp. (1940).

$x = [0.0000(0.0001)1.9999; 9D],$ $\quad x = [0.0(0.1)10.0; 9D].$

There is also included a conversion table between radians and degrees.

5. Tables of Planck's Radiation and Photon Functions. Published in the Journal of the Optical Society of America, vol. 30, pp. 70–81 (1940).

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[1] The figures in the square brackets give the range and the interval of the argument, and the number of decimal places (D) or significant figures (S) in the entries.