

CONTENTS

Foreword	vii
Introduction	1
Certain properties of the tabulated functions	8
The construction of the tables and rules for their use ...	16
Calculation of the tables	22
An example of the use of the tables for the solution of a differential equation	23
References	24
Tables of the Airy functions $U_1(s, 1)$, $U_2(s, 1)$, $U'_1(s, 1)$, $U'_2(s, 1)$ and the functions $V_{11}(s)$, $V_{12}(s)$, $V_{22}(s)$	25
Tables of the generalized Airy functions $U_1(s, \alpha)$, $U_2(s, \alpha)$, $U'_1(s, \alpha)$, $U'_2(s, \alpha)$	59
Tables of the special confluent hypergeometric functions $V_1(s, p_0)$, $V_2(s, p_0)$, $V'_1(s, p_0)$, $V'_2(s, p_0)$	157
Zeros of the functions $V_1(s, p_0)$ and $V_2(s, p_0)$	259
Tables of the coefficients $\frac{u(u+1)}{2}$ of Newton's second interpolation formula	260