

CONTENTS

Foreword	vii
Introduction	ix
Compilation of the tables	xi
Use of the tables	xii
References	xv
The Function $F_l(\eta; \varrho)$ for $l = 0(1)15$, $\varrho = 1(0.2)20$ and	
$0 \leq \eta \leq 0.39811$ [$\log \eta = -\infty; -0.8(0.1) - 0.4$]	1
$0.50119 \leq \eta \leq 1.5849$ [$\log \eta = -0.3(0.1)0.2$]	35
$1.9953 \leq \eta \leq 6.3096$ [$\log \eta = 0.3(0.1)0.8$]	69
The Function $G_l(\eta; \varrho)$ for $l = 0(1)15$, $\varrho = 1(0.2)20$ and	
$0 \leq \eta \leq 0.39811$ [$\log \eta = -\infty; -0.8(0.1) - 0.4$]	103
$0.50119 \leq \eta \leq 1.5849$ [$\log \eta = -0.3(0.1)0.2$]	137
$1.9953 \leq \eta \leq 6.3096$ [$\log \eta = 0.3(0.1)0.8$]	171
The Function $G'_l(\eta; \varrho)$ for $l = 0; 1$, $\varrho = 1(0.2)20$ and	
$0 \leq \eta \leq 0.39811$ [$\log \eta = -\infty; -0.8(0.1) - 0.4$]	205
$0.50119 \leq \eta \leq 1.5849$ [$\log \eta = -0.3(0.1)0.2$]	211
$1.9953 \leq \eta \leq 6.3096$ [$\log \eta = 0.3(0.1)0.8$]	217
List of volumes in the Mathematical Tables Series	223