

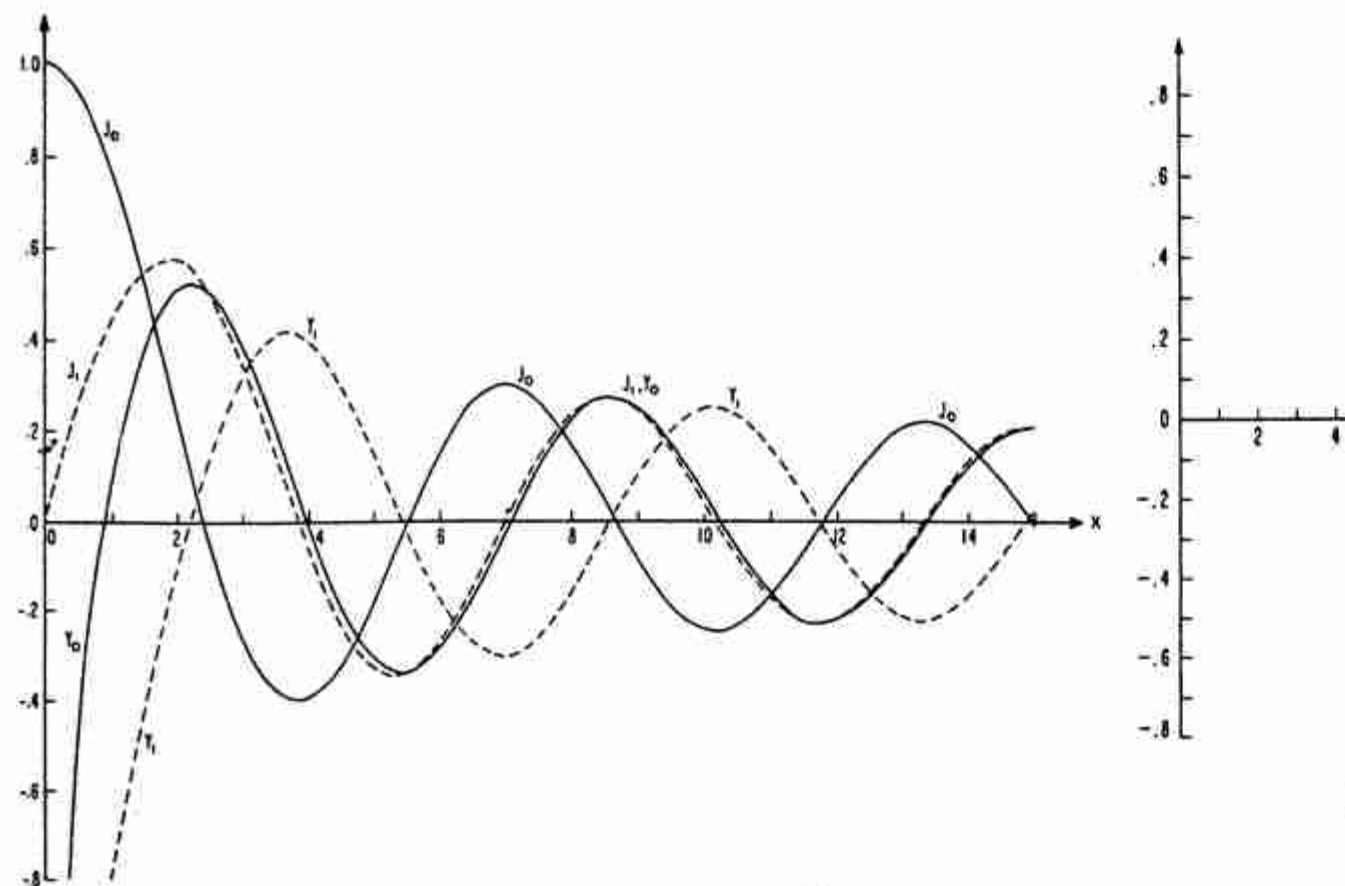
Page index

[0 Start page](#)
[0 Subject index](#)
[0 Release notes](#)
[1 \(HTML\) Title page](#)
[II \(HTML\) Errata Notice](#)
[IIIa \(HTML\) Preface to the Ninth Printing](#)
[III \(HTML\) Preface](#)
[V \(HTML\) Foreword](#)
[VI](#)
[VII \(HTML\) Table of Contents](#)
[VIII](#)
[IX \(HTML\) Introduction. 1. Introduction. 2. Accuracy of the Tables.](#)
[X 3. Auxiliary Functions and Arguments. 4. Interpolation](#)
[XI](#)
[XII 5. Inverse Interpolation](#)
[XIII 6. Bivariate Interpolation. 7. Generation of Functions from Recurrence Relations](#)
[XIV \(HTML\) 8. Acknowledgments](#)
[5 2. Physical Constants and Conversion Factors](#)
[6 Table 2.1. Common Units and Conversion Factors. Table 2.2. Names and Conversion Factors for Electric and Magnetic Units](#)
[7 Table 2.3. Adjusted Values of Constants](#)
[8 Table 2.4. Miscellaneous Conversion Factors. Table 2.5. Conversion Factors for Customary U.S. Units to Metric Units. Table 2.6. Geodetic Constants](#)
[9 3. Elementary analytical methods](#)
[10 3.1. Binomial Theorem and Binomial Coefficients; Arithmetic and Geometric Progressions; Arithmetic, Geometric, Harmonic and Generalized Means. 3.2. Inequalities](#)
[11 3.3. Rules for Differentiation and Integration](#)
[12](#)
[13 3.4. Limits, Maxima and Minima](#)
[14 3.5. Absolute and Relative Errors. 3.6. Infinite Series](#)
[15](#)
[16 3.7. Complex Numbers and Functions](#)
[17 3.8. Algebraic Equations](#)
[18 3.9. Successive Approximation Methods](#)
[19 3.10. Theorems on Continued Fractions. Numerical Methods. 3.11. Use and Extension of the Tables. 3.12. Computing Techniques](#)
[20](#)
[23 References](#)
[65 4. Elementary Transcendental Functions: Logarithmic, Exponential, Circular and Hyperbolic Functions](#)
[67 Mathematical Properties. 4.1. Logarithmic Function](#)
[68](#)
[69 4.2. Exponential Function](#)
[70](#)
[71 4.3. Circular Functions](#)
[72](#)

Abramowitz and Stegun. Handbook of Mathematical Functions

[<< To page 358](#)[Table of Contents](#)[Subject Index](#)[To page 360 >>](#)

BESSEL FUNCTIONS OF INTEGE

FIGURE 9.1. $J_0(x)$, $Y_0(x)$, $J_1(x)$, $Y_1(x)$.