

Series Outline

Last OS-3 Console Log Page, 1981

Publications by Milne, 1918-1953

Reprints of Publications by Milne, 1916-1960

Publications by Others, 1905-1969

Portrait Photograph of W.E. Milne, circa 1960

Detailed Description of the Collection

Box

1 Last OS-3 Console Log Page, 1981

Publications by Milne, 1918-1953

- 1 *Transactions of the American Mathematical Society* (vol. 19, no. 2), 1918
 1 On the degree of convergence of Birkhoff's series
- 1 *Bulletin of the National Research Council*, no. 92, 1933
 1 Numerical Integration of Differential Equations, Report of Committee on Numerical Integration
- 1 *American Mathematical Monthly*, vol. 49, no. 2, 1942
 1 The Numerical Integration of $y'' + g(x)y = f(x)$
- 1 *Journal of Research of the National Bureau of Standards* (v. 43, no. 5), November 1949
 1 The Remainder in Linear Methods of Approximation. (v. 43, no. 6), December 1949
- 1 A note on the numerical integration of differential equations. (v. 44, no. 5), May 1950
- 1 Note on the Runge-Kutta method. (v. 45, no. 3), September 1950
- 1 Numerical determination of characteristic numbers
- 1 *Table of Derivatives for Damped Vibrations*, Oregon State Monographs, Mathematics and Statistics Series, Number 1, December 1935
- 1 *Tables of Damped Vibrations*, University of Oregon Publication, Mathematics Series (v. 1, no. 1), 1929
- 1 *Numerical Solution of Differential Equations*, 1953 [Russian translation]

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Reprints of Publications by Milne, 1916-1960

- 1 Note on Removable Singularities; reprinted from the *Bulletin of the Mathematical Society* (v. 21, no. 3, pp. 116-117), 1914
- 1 Note on Asymptotic Expressions in the Theory of Linear Differential Equations; reprinted from the *Bulletin of the American Mathematical Society* (v. 23, no. 4, pp. 166-169), 1916
- 1 On Certain Asymptotic Expressions in the Theory of Linear Differential Equations; reprinted from the *Proceedings of the National Academy of Sciences* (v. 2, pp. 543), 1916
- 1 Second Note on Removable Singularities; reprinted from the *Bulletin of the American Mathematical Society* (v. 23, no. 1, pp. 27-30), 1916
- 1 On the Degree of Convergence of Birkhoff's Series; reprinted from the *Transactions of the American Mathematical Society* (v. 19, no. 2, pp. 143-156), 1918
- 1 Infinite Systems of Functions; reprinted from the *Bulletin of the American Mathematical Society* (v. 26, no. 7, pp. 294-300), 1920
- 1 A Theorem of Oscillation; reprinted from the *Bulletin of the American Mathematical Society* (v. 28, no.3), 1922
- 1 Numerical Integration of Ordinary Differential Equations; reprinted from *The American Mathematical Monthly* (v. 33, no. 9), 1926
- 1 Note on the Smoothing of Curves; reprinted from *The American Mathematical Monthly* (v. 34, no. 5), 1927
- 1 The Behavior of a Boundary Value Problem As the Interval Becomes Infinite; reprinted from the *Transactions of the American Mathematical Society* (v. 30, no. 4, pp. 797-802)
- 1 On the Degree of Convergence of the Gram-Charlier Series; reprinted from the "*Transactions of the American Mathematical Society* (v. 31, no. 3, pp. 422-443), 1929
- 1 On the Degree of Convergence of Expansions in an Infinite Interval; reprinted from the *Transactions of the American Mathematical Society* (v. 31, no. 4, pp. 907-918), 1929
- 1 Numerical Determination of Characteristic Numbers; reprinted from *Physical Review* (v. 35, no. 7, pp. 863-867), 1930
- 1 On the Numerical Integration of Certain Differential Equations of the Second Order; reprinted from the *American Mathematical Monthly* (v. 40, no. 6), 1933
- 1 Analysis of Border Irrigation; reprinted from *Agricultural Engineering* (v. 19, no. 6), 1938
- 1 The Numerical Integration of $y'' + g(x)y = f(x)$; reprinted from the *American Mathematical Monthly* (v. 49, no. 2), 1942
- 1 The Remainder in Linear Methods of Approximation; reprinted from the *Journal of Research of the National Bureau of Standards* (v. 43, pp. 501-511), 1949
- 1 A Note on the Numerical Integration of Differential Equations; reprinted from the *Journal of Research of the National Bureau of Standards* (v. 43, pp. 537-542), 1949
- 1 Note on the Runge-Kutta Method; reprinted from the *Journal of Research of the National Bureau of Standards* (v. 44, pp. 549-550), 1950
- 1 Numerical Determination of Characteristic Numbers; reprinted from the *Journal of Research of the National Bureau of Standards* (v. 45, no. 3, pp. 245-254), 1950
- 1 Review: Numerische Behandlung Von Differentialgleichungen; reprinted from the *American Mathematical Society* (v. 59, no. 1, pp. 94-96), 1953
- 1 The Error of the Trapezoidal Formula; abstract from the *Proceedings of the International Mathematical Congress Amsterdam*, 1954
- 1 Review: Numerische Behandlung Von Differentialgleichungen; reprinted from the *Bulletin of the American Mathematical Society* (v. 62, no. 1, pp. 74), 1956
- 1 Stability of a Numerical Solution of Differential Equations; reprinted from *Journal of the Association for Computing Machinery* (v. 6. no. 2, pp. 196-203), 1959
- 1 Stability of a Numerical Solution of Differential Equations - Part II; reprinted from *Journal of the Association for Computing Machinery* (v. 7, no. 1, pp. 46-56), 1960

Box**Publications by Others, 1905-1969**

- 2 *Russian-English Vocabulary with a Grammatical Sketch to be used in Reading Mathematical Papers* by American Mathematical Society, 1950
American Mathematical Monthly
- 2 (v. 64, no. 6), June-July, 1957
- 2 (v. 74, no. 1), January, 1967
- Reprints of publications by the following authors, 1905-1969
- 2 Adams, Edwin Plimpton
- 2 Bickley, W.G.
- 2 Birkhoff, George D.
- 2 Bucherer, A.H.
- 2 Cairns, W.D.
- 2 Carmichael, R.D.
- 2 Carslaw, H.S.
- 2 Dantzig, Tobias
- 2 Davis, D.R.
- 2 Davis, H.T.
- 2 Day, Mahlon M.
- 2 Douglass, Raymond D.
- 2 Eells, Walter C.
- 2 Ford, Lester R.
- 2 Franklin, Philip
- 2 Hancock, Harris
- 2 Hayashi, Kenji
- 2 Jackson, Dunham
- 2 Mizumoto, Hisao
- 2 Moore, Charles N.
- 2 Moritz, Robert E.
- 2 Olds, Edwin G.
- 2 Runge, C.
- 2 Schoenberg, I.J.
- 2 Schulz, Gunther
- 2 Shimizu, Tatsujiro
- 2 Tamarkin, J.D.
- 2 Stromgren, Elis

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- * **Portrait Photograph of W.E. Milne, circa 1960**