INDEX OF VOLUME XXII.

ALLEN, E. S. See REVIEWS, under Zeuthen.

ARCHIBALD, R. C. See REVIEWS, under Braude, Carslaw, Concerning Reviews, Fehr, Gibson, Goldenring, Hobson, Lebon, Moritz, Napier, Poincaré.

BATEMAN, H. A certain System of Linear Partial Differential Equations, 329.

BATTA, M. A. See LORIA, G.

BERNSTEIN, B. A. A Simplification of the Whitehead-Huntington Set of Postulates for Boolean Algebras, 458.

BLISS, G. A. A Note on the Problem of Lagrange in the Calculus of Variations, 220.

BÔCHER, M. See STUDY, E.

—— See REVIEWS, under Carse, Gibb.

BROWN, E. W. See REVIEWS, under Annuaire.

BUCK, T. Reports of Meetings of the American Mathematical Society: Twenty-Second Summer Meeting, 1; Twenty-Seventh Regular Meeting of the San Francisco Section, 172.

CARMICHAEL, R. D. On the Representation of Numbers in the Form $x^3 + y^3 + z^3 - 3xyz$, 111.

—— See REVIEWS, under Bateman, Borel, Cantor, Czuber, Dickson, Rutherford.

CARVER, W. B. See REVIEWS, under Phillips.

COLE, F. N. Reports of Meetings of the American Mathematical Society: October Meeting, 161; Twenty-Second Annual Meeting, 263; February Meeting, 373; April Meeting in New York, 481.

CUMMINGS, L. D. and WHITE, H. S. Groupless Triad Systems on Fifteen Elements, 12.

DAVIS, E. W. See REVIEWS, under Davis.

DICKSON, L. E. On the Relation between Linear Algebras and Continuous Groups, 53.

—— See REVIEWS, under Carmichael.

DRESDEN, A. Report of the April Meeting of the American Mathematical Society at Chicago, 425.

EMCH, A. A certain Class of Functions Connected with Fuchsian Groups, 33.

—— See REVIEWS, under Enriques, Ford.

EPPERSON, C. A. Note on Green's Theorem, 17.

EVANS, G. C. Application of an Equation in Variable Differences to Integral Equations, 493.

FIELD, P. F. A Problem in the Kinematics of a Rigid Body, 122.

FITE, W. B. See REVIEWS, under Davis.

FRÉCHET, M. On Pierpont's Definition of Integrals, 295.

FRIZELL, A. B. The Permutations of the Natural Numbers Can Not Be Well Ordered, 71.

GLENN, O. E. See REVIEWS, under Netto.

GRONWALL, T. H. See REVIEWS, under Borel, Klein, Mathematische Abhandlungen, Näbauer, Runge.

GROVE, C. C. See REVIEWS, under Horsburgh, Wentworth.

JACKSON, D. An Elementary Boundary Value Problem, 393.

KARPINSKI, L. C. See REVIEWS, under De Morgan, Lange, Slichter.

KELLOGG, O. D. Report of the Ninth Regular Meeting of the Southwestern Section, 215.

LIPKA, J. See REVIEWS, under Longley.

LONGLEY, W. R. See REVIEWS, under Herglotz.

LORIA, G. The physicist J. B. Porta as a Geometer. Translated by M. A. BATTA, 340.

LOVITT, W. V. A Type of Singular Points for a Transformation of Three Variables, 236.

—— Singular Points of Transformations and Two-Parameter Families of Curves, 387.

MACMILLAN, W. D. Convergence of the Series $\sum_{i=0}^{\infty}\sum_{j=0}^{\infty}\frac{x^iy^j}{i-j\gamma}$ (γ irrational), 26.

MANNING, H. P. See REVIEWS, under Pierpont.

MASON, T. E. See REVIEWS, under Caunt.

MILLER, G. A. Limits of the Degree of Transitivity of Substitution Groups, 68.

MOORE, R. L. On the Linear Continuum, 117.

—— Concerning a Non-Metrical Pseudo-Archimedean Axiom, 225.

MORITZ, R. E. See REVIEWS, under Concerning Reviews.

NELSON, A. L. Quasi-Periodicity of Asymptotic Plane Nets, 445.

OSGOOD, W. F. Note on Functions of Several Complex Variables, 443.

OWENS, F. W. See REVIEWS, under Zühlke.

PIERPONT, J. Reply to Professor Fréchet's Article, 298.

PONZER, E. W. See REVIEWS, under Bayliss, Lenz, Furtwängler.

POOR, V. C. Transformation Theorems in the Theory of the Linear Vector Function, 174.

—— Operators in Vector Analysis, 503.

PORTER, M. B. Concerning Absolutely Continuous Functions, 109.

—— See REVIEWS, under de la Vallée Poussin.

RICHARDSON, R. G. D. See REVIEWS, under Betz.

ROBBINS, R. B. See REVIEWS, under Crantz.

ROWE, J. E. Relations among Parameters along the Rational Cubic Curve, 74.

—— A New Method of Finding the Equation of a Rational Plane Curve from its Parametric Equations, 338.

SHAW, J. B. See REVIEWS, under Conway, Robb, Weber.

SILVERMAN, L. L. Note on Regular Transformations, 459.

SISAM, C. H. On a Configuration on certain Surfaces, 381.

SKINNER, E. B. See REVIEWS, under Châtelet.

SLAUGHT, H. E. Report of the Winter Meeting of the American Mathematical Society at Columbus, 280.

SMITH, D. E. See REVIEWS, under Archibald, Breslich, Hill, Karpinski, Loria.

SNYDER, V. See REVIEWS, under Armstrong, Grossmann, Ince, Miller, Salmon.

STUDY, E. and BÔCHER, M. Professor Bôcher's Views concerning the Geometry of Inversion, 38.

VANDIVER, H. S. An Aspect of the Linear Congruence with Applications to the Theory of Fermat's Quotient, 61.

WHITE, H. S. See CUMMINGS, L. D.

WILCZYNSKI, E. J. Some Remarks on the Historical Development and the Future Prospects of the Differential Geometry of Plane Curves, 317.

WILLIAMS, K. P. Concerning Hill's Derivation of the Lagrange Equations of Motion, 455.

WILSON, E. B. Changing Surface to Volume Integrals, 336.

—— See REVIEWS, under Grassmann, H.

WILSON, W. A. On Separated Sets, 384.

WINGER, R. M. See REVIEWS, under Snyder.

REVIEWS.

Annuaire pour l'An 1916, publié par le Bureau des Longitudes, E. W. BROWN, 513.

Archibald, R. C. Euclid's Book on Divisions of Figures, D. E. SMITH, 463.

Armstrong, H. C. Descriptive Geometry for Students in Engineering Science and Architecture, V. SNYDER, 251.

Bateman, H. The Mathematical Analysis of Electrical and Optical Wave-Motion on the Basis of Maxwell's Equations, R. D. CARMICHAEL, 201.

Bayliss, R. W. A First School Calculus, E. W. PONZER, 405.

Betz, W. and Webb, H. E. Solid Geometry. With the Editorial Cooperation of P. F. Smith, R. G. D. RICHARDSON, 507.

Borel, E. Leçons sur la Théorie des Fonctions (deuxième édition), R. D. CARMICHAEL, 199.

—— Introduction géométrique à quelques Théories physiques, T. H. GRONWALL, 409.

Braude, L. Les Coordonnées intrinsèques, Théorie et Applications, R. C. ARCHIBALD, 139.

Brenke, W. C. See Davis, E. W.

Breslich, E. R. First-Year Mathematics for Secondary Schools, D. E. SMITH, 136.

Cantor, G. Contributions to the Founding of the Theory of Transfinite Numbers, translated and provided with an Introduction and Notes by P. E. B. Jourdain, R. D. CARMICHAEL, 461.

Carmichael, R. D. The Theory of Numbers, L. E. DICKSON, 303.

—— Diophantine Analysis, L. E. DICKSON, 303.

Carse, G. A. and Shearer, G. A Course in Fourier's Analysis and Periodogram Analysis for the Mathematical Laboratory, M. BÔCHER, 359.

Carslaw, H. S. The Teaching of Mathematics in Australia, R. C. ARCHIBALD, 94.

Caunt, G. W. Introduction to Infinitesimal Calculus, T. E. MASON, 194.

Châtelet, A. Leçons sur la Théorie des Nombres, E. B. SKINNER, 144.

Claparède, E. See Fehr, H.

Concerning Reviews, by R. E. MORITZ and R. C. ARCHIBALD, 398.

Conway, A. W. Relativity, by J. B. SHAW, 411.

Crantz, P. Analytische Geometrie der Ebene, by R. B. ROBBINS, 512.

Czuber, E. Wahrscheinlichkeitsrechnung und ihre Anwendung auf Fehlerausgleichung, Statistik und Lebensversicherung (dritte Auflage), erster Band, R. D. CARMICHAEL, 512.

Davis, E. W. and Brenke, W. C. The Calculus, edited by E. R. Hedrick, E. W. DAVIS, 41; W. B. Fite, 510.

De Morgan, A. A Budget of Paradoxes. Second edition, edited by D. E. Smith, L. C. KARPINSKI, 468.

Dickson, L. E. Algebraic Invariants, R. D. CARMICHAEL, 197.

Engel, F. See Grassmann, H.

Enriques, F. Vorlesungen über projektive Geometrie. Second German edition, by H. Fleischer, A. EMCH, 251.

Fehr, H. Enquête de "l'Enseignement Mathématique" sur la Méthode de Travail des Mathématiciens. Avec la collaboration de T. Flournoy et E. Claparède. Deuxième edition, suivie d'une Note sur l'Invention mathématique par H. Poincaré, R. C. ARCHIBALD, 125.

Fleischer, H. See Enriques, F.

Flournoy, T. See Fehr, H.

Ford, L. R. An Introduction to the Theory of Automorphic Functions, A. EMCH, 357.

Furtwängler, P. and Ruhm, G. Die mathematische Ausbildung der Deutschen Landmesser, E. W. PONZER, 196.

Gans, R. See Weber, R. H.

Gibb, D. A Course in Interpolation and Numerical Integration for the Mathematical Laboratory, M. BÔCHER, 359.

Gibson, G. A. Napier and the Invention of Logarithms, R. C. ARCHIBALD, 182.

Goldenring, R. Die elementargeometrischen Konstruktionen des regelmässigen Siebzehnecks, R. C. ARCHIBALD, 239.

Grassmann, H. Gesammelte mathematische und physikalische Werke, dritter Band, erster und zweiter Teil, herausgegeben von J. Grassmann und F. Engel, E. B. WILSON, 149.

Grassmann, J. See Grassmann, H.

Grossmann, M. Darstellende Geometrie, V. SNYDER, 251.

Hedrick, E. R. See Davis, E. W.

Herglotz, G. Ueber die analytische Fortsetzung des Potentials ins Innere der anziehenden Massen, W. R. LONGLEY, 361.

Hill, G. F. The Development of Arabic Numerals in Europe, D. E. SMITH, 192.

Hobson, E. W. John Napier and the Invention of Logarithms, 1614, R. C. ARCHIBALD, 182.

Horsburgh, E. H. Modern Instruments and Methods of Calculation, C. C. GROVE, 247.

Ince, E. L. A Course in Descriptive Geometry and Photogrammetry for the Mathematical Laboratory, V. SNYDER, 364.

Jourdain, P. E. B. See Cantor, G.

Karpinski, L. C. Robert of Chester's Latin Translation of the Algebra of Al-Khowarizmi, D. E. SMITH, 402.

Klein, F. and Sommerfeld, A. Ueber die Theorie des Kreisels (zweiter Abdruck), erstes Heft, T. H. GRONWALL, 408.

Lange, M. Das Schachspiel, und seine strategischen Prinzipien, L. C. KARPINSKI, 364.

Lebon, E. Notice sur Henri Poincaré, R. C. ARCHIBALD, 125.

—— Savants du Jour: Henri Poincaré, Biographie, Bibliographie analytique des Ecrits (seconde édition), R. C. ARCHIBALD, 125.

Lenz, K. Die Rechenmaschinen und das Maschinenrechnen, E. W. PONZER, 195.

Longley, W. R. Tables and Formulas (revised edition), J. LIPKA, 249.

Loria, G. Per la Biografia di Giovanni Ceva, D. E. SMITH, 100.

Mathematische Abhandlungen, Hermann Amandus Schwarz zu seinem fünfzigjährigen Doktorjubiläum am 6. August 1914 gewidmet von Freunden und Schülern, T. H. GRONWALL, 406.

Miller, H. W. Descriptive geometry, V. SNYDER, 251.

Moritz, R. E. Memorabilia Mathematica or the Philomath's Quotation Book, R. C. ARCHIBALD, 188, 398.

Näbauer, M. Grundzüge der Geodäsie, T. H. GRONWALL, 410.

Napier, J. See Gibson, G. A., Hobson, E. W.

Netto, E. Grundlehren der Mathematik. Zweiter Band, erster Teil; Algebra, O. E. GLENN, 504.

Phillips, H. B. Analytic Geometry, W. B. CARVER, 465.

Pierpont, J. Functions of a Complex Variable, H. P. MANNING, 343.

Poincaré, H. See Fehr, H., Lebon, E.

Robb, A. A. A Theory of Time and Space, J. B. SHAW, 411.

Rogers, R. A. P. See Salmon, G.

Ruhm, G. See Furtwängler, P.

Runge, C. Graphische Methoden, T. H. GRONWALL, 407.

Rutherford, G. Radioactive Substances and their Radiations, R. D. CARMICHAEL, 200.

Salmon, G. A Treatise on the Analytic Geometry of Three Dimensions (fifth edition), volume 2, edited by R. A. P. Rogers, V. SNYDER, 147.

Schwarz, H. A. See Mathematische Abhandlungen.

Shearer, G. See Carse, G. A.

Sisam, C. H. See Snyder, V.

Slichter, C. S. Elementary Mathematical Analysis, L. C. KARPINSKI, 354.

Smith, D. E. See De Morgan, A., Wentworth, G.

Smith, P. F. See Betz, W.

Snyder, V. and Sisam, C. H. Analytic Geometry of Space, R. M. WINGER, 350.

Sommerfeld, A. See Klein, F.

Vallée Poussin, C. J. de la. Cours d'Analyse Infinitésimale (troisième édition), M. B. PORTER, 77.

Webb, H. E. See Betz, W.

Weber, R. H. and Gans, R. Repertorium der Physik, erster Band, erster Teil, J. B. SHAW, 414.

Wentworth, G. and Smith, D. E. Plane Trigonometry and Tables, C. C. GROVE, 246.

Zeuthen, H. G. Lehrbuch der abzählenden Methoden der Geometrie, E. S. ALLEN, 85.

Zühlke, P. Konstruktionen in begrenzter Ebene, F. W. OWENS, 408.

Correction, 100.

Index of Volume XXII, 528.

New Publications, 48, 104, 155, 209, 258, 313, 369, 420, 476, 516.

Notes, 41, 101, 151, 204, 255, 311, 365, 415, 472, 514.

Papers Read before the Society and Subsequently Published, Twenty-Fifth Annual List of, 520.

NOTES AND OTHER ITEMS.

Academies, Associations, Congresses, and Societies:

American Mathematical Society: Annual Meeting, 151; April Meeting, 365; Chicago Section: April Meeting, 365, Election of Officers, 281, Winter Meeting, 151; Committee on the Classification of Technical Literature, 482; Election of Officers, 264; List of Officers and Members, 151; New Members Admitted, 161, 263, 373, 481; Publications, 373; San Francisco Section, Twenty-eighth Regular Meeting, 365; Statistics, 264; Summer Meeting and Colloquium, 101, 415, 482; Transactions, 41, 151, 255, 264, 415, 481.

Association for the Advancement of Science, American, 151, 280.

Association of Mathematics Teachers, New Jersey, 205, 416.

British Mathematical Association, 257; Edinburgh Mathematical Society, 42, 204, 257, 311, 366, 416, 514; Helvetian Society of Natural Scientists, 42, 204; Italian Society of Sciences, 45, 208; Joint Committee on Standards for Graphic Presentation, 154; London Mathematical Society, 257, 311, 366, 416, 514; Mathematical Association of America, 256; Paris Academy, 42, 366, 416; Reale Accademia dei Lincei, 312; Royal Society of Bologna, 258; Royal Society of London, 258; Swiss Mathematical Society, 204.

Books, Announcement of New, 42, 153, 154, 205, 258, 311, 514.

Catalogues of Books, Models, etc., 154, 475.

Doctorates in Mathematics, American, 152.

Journals: American Journal of Mathematics, 42, 152, 311, 365; Annals of Mathematics, 101, 205, 472; L'Education Mathématique, 417; Proceedings of the American Academy of Arts and Sciences, 256; Proceedings of the National Academy of Sciences, 205, 256, 472; Revista de Matematicas, 515; Revue de Mathématiques Spéciales, 417; Transactions of the American Mathematical Society, 41, 151, 255, 264, 415, 481.

Papers and Communications Presented to the Society, Authors:

Alexander, J. W., II, 266, 483.
Altshiller, N., 2.
Baker, R. P., 283.
Bateman, H., 374, 374.
Beatty, S., 482.
Beetle, R. D., 266.
Bennett, A. A., 3, 483, 483.
Bernstein, B. A., 2, 172.
Birkhoff, G. D., 163, 265, 265.
Blichfeldt, H. F., 172.
Bliss, G. A., 282.
Blumberg, H., 426, 427.
Borger, R. L., 426.
Brink, R. W., 483.
Brown, E. W., 374.
Buchanan, D., 282.
Burgess, H. T., 282, 426.
Camp, B. H., 483.
Carmichael, R. D., 2, 282, 426.
Carslaw, H. S., 162.
Chittenden, E. W., 426, 426.
Coble, A. B., 2.
Cole, F. N., 2.
Coolidge, J. L., 266, 482.
Dantzig, T., 427.
Dickson, L. E., 2.
Dines, L. L., 426.
Eiesland, J., 266.
Eisenhart, L. P., 3, 162, 266, 266, 483.
Elmendorff, A., 427.
Emch, A., 426.
Evans, G. C., 266, 482, 483.
Fine, H. B., 483.
Fischer, C. A., 2, 374.
Fite, W. B., 162.
Ford, W. B., 426.
Forsyth, C. H., 2, 216.
Fort, T., 265, 426.
Fréchet, M., 265.

Frizell, A. B., 215, 426.
Gleason, R. E., 266.
Glenn, O. E., 374, 374.
Gossard, H. C., 216.
Graustein, W. C., 266.
Green, G. M., 3, 162, 162, 266.
Gronwall, T. H., 374, 374, 374, 374, 374.
Harding, A. M., 427.
Hardy, G. H., 215.
Hart, W. L., 283.
Haskell, M. W., 2, 172.
Haskins, C. N., 162.
Hassler, J. O., 426.
Hathaway, A. S., 426.
Hazlett, O. C., 265.
Hedrick, E. R., 215.
Hildebrandt, T. H., 283.
Hoskins, L. M., 3.
Huntington, E. V., 483.
Ingold, L., 215.
Irwin, F., 172, 172.
Jackson, D., 2, 162, 265, 483.
James, G., 483.
Joffe, S. A., 374.
Kasner, E., 265, 482.
Kellogg, O. D., 216.
Kempner, A. J., 282.
Keyser, C. J., 482.
Kircher, E., 265.
Kline, J. R., 483.
Küstermann, W. W., 2, 283.
Lefschetz, S., 215.
Lehmer, D. N., 172.
Lipka, J., 265.
Longley, W. R., 163.
Lovitt, W. V., 283.
McMackin, F. J., 483.
MacMillan, W. D., 426, 426.
Miller, B. I., 265.
Miller, G. A., 2, 283, 283, 426.
Milne, W. E., 266.
Mitchell, H. H., 266, 266.
Moore, C. L. E., 265.
Moore, C. N., 283.
Moore, E. H., 427.
Moore, R. L., 266.
Nelson, A. L., 426, 426.
Osgood, W. F., 162, 162, 266, 483.
Pfeiffer, G. A., 162, 483.
Phillips, H. B., 265.
Pierce, T. A., 172.
Poor, V. C., 282, 282.
Porter, M. B., 216.
Ranum, A., 265.
Rasor, S. E., 283.
Rayworth, J. C., 216.
Reaves, S. W., 216.
Richardson, L. J., 2.
Rider, P. R., 374.
Ritt, J. F., 265, 265, 482, 482.
Robinson, L. B., 266.
Roever, W. H., 215, 216.
Rowe, J. E., 265.
Running, T. R., 426.
Schottenfels, I. M., 283.
Schweitzer, A. R., 2, 3, 162, 163, 163, 265, 283, 283, 374, 374, 483.
Shaw, J. B., 282.
Sheffer, H. M., 265, 265, 282, 282.
Silverman, L. L., 265.
Sisam, C. H., 215, 282, 425.
Smith, D. M., 425.
Smith, W. M., 266.
Sperry, P., 427.
Vallée Poussin, C. J. de la, 2.
Vandiver, H. S., 2, 162, 374.
Van Vleck, E. B., 427.
Weaver, J. H., 482.
West, C. J., 282.
White, H. S., 2, 163.
Wilczynski, E. J., 283.
Wilder, C. E., 483.
Williams, A. R., 2.
Williams, K. P., 215, 426.
Wilson, E. B., 265, 374, 374, 374.
Wilson, W. A., 483.
Wright, H. N., 172.
Yeaton, C. H., 427.
Young, A. E., 282.

Personal Notes:

Agard, H. L., 154; Altshiller, N., 103; Armellini, G., 208; Ashton, C. H., 154.

Barton, R. M., 46; Beetle, R. D., 102; Bennett, A. A., 152; Bertini, E., 45; Betz, H., 103; Bliss, G. A., 474; Bôcher, M., 208, 475; Bohr, H., 208; Bopp, K., 207; Brink, R. W., 419; Bryan, G. H., 312; Buchanan, D., 46; Burgess, R. W., 369.

Calapso, P., 312; Campbell, J. W., 152; Campbell, W. W., 151; Cipolla, M., 208; Cobb, H. R., 368; Colpitts, E. C., 154; Colpitts, J. T., 103; Cresse, G. H., 46; Cronin, S. E., 46; Cummings, L. D., 103; Currier, C. H., 515; Curtiss, D. R., 264, 481.

Dantzig, T., 47; Davis, J. M., 208; Dedekind, J. W. R., 312; Dickey, R. W., 475; Dickson, L. E., 264, 481; Dines, C. R., 152; Drach, C. A. von, 47.

Eisenhart, L. P., 482; Enriques, F., 45; Evans, G. C., 101, 415.

Faber, G., 207; Farnum, F., 209; Fehr, H., 42; Field, P. F., 103; Fleming, A., 209; Ford, L. R., 419; Forsyth, C. H., 152; Fort, T., 103; Franchis, M. De, 45; Funk, A., 312.

Gaba, M. G., 152, 154; Galajikian, H., 46; Ganter, H., 209; Garlough, C., 312; Garner, H. M., 474; Giambelli, Z., 312; Gillman, R. E., 419; Glazier, H. E., 208; Glover, J. W., 515; Gossard, H. C., 46; Grammel, R., 312; Graves, G. H., 46; Grimes, N. C., 208; Grossmann, M., 204; Guccia, G. B., 45; Guitarte, M., 515.

Hansen, P. C. V., 208; Hart, W. L., 103, 369; Haskell, M. W., 475; Hayes, E., 515; Hazlett, O. C., 152, 368; Hecke, E., 45; Hedrick, E. R., 257; Hedrick, H. B., 152; Hildebrandt, T. H., 103; Hill, J. H., 515; Hill, L. S., 46; Hitchcock, R. R., 103; Hopkins, L. A., 153; Hudson, W. H. H., 209; Huntington, E. V., 103, 257.

Jackson, D., 258; Janisch, E., 209; Jones, E. H., 154.

Karpinski, L. C., 103; Kells, L. M., 154; Keyser, C. J., 475; Killam, S. D., 154; Kingston, H. R., 153; Kircher, E., 369; Koebe, P., 312; Knoblauch, J., 209, 312; Knopp, K., 45.

Lamond, J. K., 103; Larmor, J., 258; Laura, E., 312; Leconte, F., 209; Leuschner, A. O., 151; Levi-Civita, T., 45; Levy, C. T., 475; Lewis, A. D., 208; Liapounoff, A., 417; Lovitt, W. V., 153.

McCain, G. I., 154, 208; McMackin, F. J., 475; Madson, N., 209; Martinetti, V., 312; Marty, M. J., 42; Mathews, G. B., 45; Meacham, E. D., 475; Mikesh, J. S., 154; Miles, E. J., 368; Miller, A. L., 419; Miller, B. I., 102; Miller, G. A., 257; Miller, M., 209; Milne, W. E., 153; Miser, W. L., 46; Mittag-Leffler, G., 419; Mollerup, J., 208; Morgan, F. M., 102; Moser, C., 46; Moulton, F. R., 151, 475.

Nelson, A. L., 103; Nixon, H. B., 369; Norwood, C. E., 47; Nowlan, F. S., 516.

Orlando, L., 209.

Painlevé, P., 207; Pascal, E., 45, 208; Pfeiffer, G. A., 153, 369; Phillips, H. B., 46; Poor, V. C., 153; Price, H. F., 153; Puppini, U., 42.

Rabut, M., 42; Radon, J., 207; Reed, L. J., 153; Richardson, R. G. D., 102; Richardson, S. F., 312; Rider, P. R., 153, 154; Rietz, H. L., 209; Riley, J. L., 46; Rios, L. L., 208; Robbins, R. B., 103; Rosenbaum, J., 153; Rulf, F., 207; Running, T. R., 103; Rutledge, G., 153.

Sage, J. R., 209; Sarton, G., 474; Schilling, F., 46; Schur, I., 312; Seely, C. E., 153; Severi, F., 45, 312; Shaw, J. B., 103; Simandl, W., 207; Simony, O., 47; Sinclair, J. K., 47; Slepian, J., 103; Smart, W. M., 474; Sonin, N. von, 47; Sousley, C. P., 153; Sperry, P., 368.

Thompson, G. P., 474; Torelli, R., 209; Tracey, J. I., 475.

Vallée Poussin, C. J. de la, 368, 417, 474; Van Amringe, J. H., 47; Veblen, O., 101, 415; Vogel, P., 258.

Waals, J. D. v. d., 475; Walsh, J. L., 419; Weeks, E. A., 153; Wells, M. E., 103; Wells, W., 475; Wernicke, A., 47; West, C. J., 153; White, H. S., 46; Wilder, C. E., 103, 153; Wiley, F. B., 153; Wilson, J. C., 47; Wilson, L. T., 103, 153.

Young, Mrs. W. H., 368.

Prizes:

Cambridge University, 474; Delft Technical School, 367; Gamble, 368; Italian Society of Sciences Medal, 45, 208; King Gustav V of Sweden, 515; Paris Academy, 42, 366, 416; Rayleigh, 474; Reale Accademia dei Lincei, 312; Royal Society of Bologna, 258; Royal Society of London Medal, 258.

Universities and Technical Schools:

Berlin, 206.
Bologna, 43.
Bonn, 206.
Catania, 43.
Chicago, 472, 473.
Collège de France, 368.
Columbia, 367, 473.
Cornell, 367, 417.
Dartmouth, 311.
Delft, 101, 367.
Genoa, 43.
Göttingen, 206.
Harvard, 208, 369, 417, 419.
Illinois, 368, 474.
John Hopkins, 473.
Leipzig, 207.
Mass. Institute of Technology, 515.
Messina, 312.
Munich, 102.
Naples, 43.
Padua, 43.
Palermo, 44.
Pavia, 44.
Pennsylvania, 418.
Pisa, 44.
Princeton, 418.
Rice Institute, 419.
Rome, 44.
Strassburg, 102, 207, 368.
Turin, 45.
Wisconsin, 368.
Yale, 515.