

## 新刊紹介

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- Adams, F.—Irrigation districts in California, 1887—1915. Bulletin No. 2, State of California, Department of Engineering. 151 P., illustrated and contains several sketch maps,  $5\frac{1}{2} \times 8\frac{1}{4}$ , paper. California, State Printing Office.
- Alvord, J. W. and Burdick, C. B.—Report on the rivers and lakes, Commission of Illinois on the Illinois River and its bottom lands, with reference to the conservation of agriculture and fisheries and the control of floods. 141 P., illustrated,  $6 \times 9$ , cloth. Chicago, Ill. (905 State Building): Charles Christmann, secretary of Commission.
- Andrews, E. S.—The strength of materials: A text-book for engineers and architects. 604 P., 264 illustrations,  $6 \times 9$ , cloth. D. Van Nostrand Co., New York. Price: \$4.00 net.
- Bark, D. H.—Experiments on the economical use of irrigation water in Idaho. Bulletin 339, U. S. Department of Agriculture, Office of Public Roads and Rural Engineering. 57 P., illustrated,  $6 \times 9$ , paper. Washington, Government Printing Office.
- Barnes, A. A.—Hydraulic flow reviewed: A book of reference of standard experiments on pipes, channels, notches, weirs and circular orifices, together with new formulae relating thereto. E. and F. N. Spon, London. Price: 13 s. 3 d.
- Beadle, J. B.—Progress in reclamation of arid lands in the Western United States. 21 P., illustrated,  $6 \times 9$ , paper. Washington, Government Printing Office.
- Burgess, G. K.—Some foreign specifications for railway materials: Rails, wheels, axles and ties. Technical Paper No. 61. 132 P., illustrated,  $7 \times 10$ , paper. Washington, D. C.: Bureau of Mines.
- Burrell, G. A. and Boyd, A. T.—Quantity of gasoline necessary to produce explosive conditions in sewers. Technical Paper No. 117. 17 P., illustrated,  $6 \times 9$ , paper. Washington, D. C.: Bureau of Mines.
- Cain, W.—Earth pressure, retaining walls and bins. 287 P., illustrated,  $6 \times 9$ , cloth. John Wiley & Sons, New York. Price: \$2.50 net.
- Campbell, H. C.—Concrete on the farm and in the shop. 149 P., 51 illustrations,  $5 \times 7$ , linen. Norman W. Henley Publishing Co., New York. Price: 75 cents.
- Chatley, H.—Pioneer railway engineering. Technical Publishing Co., London.
- Clapp, E. J.—The Port of Boston. 402 P., illustrated,  $6 \times 9$ , cloth. New Haven, Conn.: Yale University Press.
- Cullimore, A. R.—The use of the slide rule. 36 P.,  $6 \times 9$ , cloth. Hoboken, N. J.: Kenfel & Esser Co. Price: 50 cents.
- Daugherty, R. L.—Hydraulics. 267 P., illustrated,  $6 \times 9$ , cloth. McGraw-Hill Book Co., New York. Price: \$2.50 net.
- Fyee, T. A.—Employers and workman: A hand book explanatory of their duties and responsibilities under the munitions of war acts, 1915 and 1916.
- Hammond, G. T.—The problem of city beautification as observed in Europe. (Reprinted from the twentieth annual report, American Scenic and Historic Preservation Society.) 42 P., illustrated,  $6 \times 9$ , paper. Brooklyn, N. Y. (215 Montague St.): The author.
- Harper, J. E.—Hydraulic tables for the flow of water, in circular pipes under

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- pressure, timber flumes, open channels and egg-shaped conduits. 192 P., 17 illustrations, 22 charts, 4×7, flexible leather. D. Van Nostrand Co., New York. Price: \$ 2.00 net.
- Hillberg, A. G.—Design of intake, scroll cases and turbine draft tubes for single-runner turbines. 11 P., illustrated, 11×14, paper. (Reprinted from the Engineering Record.) Copies may be obtained from the author, Park Row Building, New York.
- Lazell, E. W.—Hydrated limo—History, manufacture, and uses in plaster, mortar and concrete. 95 P., illustrated, 6×9, paper. Pittsburg, Hydrated Lime Bureau of the National Lime Manufacturers Association, Arrott Building. Price: 30 cents.
- Lord, E. C. E.—Relation of mineral composition and rock structure to the physical properties of road materials. (Bulletin 348, U. S. Department of Agriculture, Office of Public Road). 26 P., illustrated, 6×9, paper. Washington, Government Printing Office.
- Lyle, W. T.—Parks and park engineering. 130 P., illustrated, 6×9, cloth. John Wiley & Sons, New York. Price: \$ 1.25 net.
- McClatchy, V. S.—Flood control and reclamation in California. (Paper presented at annual meeting of the National Drainage Congress at Cairo, Ill., Jan. 20, 1916.) Sacramento, Calif.: The Board. 8 P., map illustrating Sacramento River flood control project, 6×9, paper.
- Morris, W.—Circular covered service reservoirs. (Excerpt, Minutes of Proceedings of the Institution of Civil Engineers. Session 1914—15. Part I) London, England: The Institution. 15 P., 11 illustrations, 6×9, paper.
- Morrison, C. E. and Brodie, O. L.—Masonry dam design. Second edition, revised and enlarged. 276 P., illustrated, 6×9, cloth. John Wiley & Sons, New York.
- Newell, P. H.—Irrigation management: The operation, maintenance and betterment of works for bringing water to agricultural lands. 306 P., illustrated, 5×8, cloth. D. Appleton & Co., New York. Price: \$ 2.00 net.
- Robinson, E. F.—Military preparedness and the engineer. 224 P., illustrated, 4½×6½, cloth. Clark Book Co., New York. Price: \$ 1.50 net.
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- Steber, F. W.—Level section transparent scales for plate "A" profiles, for graduation, arch masonry and iron culvert. (2101 McKinney Ave.): The author. 3×9, leather. Price: \$ 2.50.
- Wallis, R. S.—Street-name signs. (Bulletin 20, Engineering Extension Department Technical Service, Iowa State College.) 47 P., illustrated, 6×9, paper. Ames, Iowa, Iowa State College.
- Watson, W. J.—General specifications for concrete bridges. Third edition. 70 P., illustrated, 8×11, paper.
- Weld, L. D.—Theory of errors and least squares: A text-book for college students and researchers. 190 P., 11 illustrations, 5×7, cloth. Macmillan Company, New York. Price: \$ 1.25 net.
- Williams, S. M.—Roads: Their influence upon economic and social conditions. 16 P., illustrated, 6×9, paper. Text and pictorial arguments for good roads. American Electric Railway Engineering Association: Proceedings of annual convention held in San Francisco, Oct. 4—8, 1915—New York City (8 West 40th. St.): F. B. Burritt, Secretary. 623 P., illustrated, 6×9, cloth.

- Annual report of Water-Supply, Sewerage and Drainage Department of Western Australia for 1914—1915—Perth, Western Australia. 109 P., illustrated, 8×13, paper.
- Bulletins, United States Department of Agriculture—Washington, D. C. 6×9, illustrated, paper.
- No. 314, Methods for the examination of bituminous road materials.—By P. Hubbard. 48 P.
- No. 347, Methods for the determination of the physical properties of road building rock.—by F. H. Jackson. 28 P.
- Dwelling houses.—A code of suggestions for construction and fire protection. Recommended by the National Board of Fire Underwriters. 115 P., illustrated, 6×9, paper. New York, the National Board of Fire Underwriters, Ira H. Woolson, consulting engineer, 76 William Street.
- Explosives for shale and clay blasting.—Wilmington, Del.: E. I. du Pont de Nemours Co., 38 P., 31 illustrations, 6×9, paper.
- Good-Roads Bulletin for Illinois Public Schools.—Edited by J. H. Green and I. O. Baker, members of the faculty of the University of Illinois. Springfield, Ill.: Francis G. Blair, State Superintendent of Public Instruction. 32 P., illustrated, 6×9, paper.
- Good roads year book, 1916—Fifth annual edition. Washington, D. C. American Highway Association. 440 P., 6×9, cloth. Price: \$1.00 per copy, \$4.00 for five copies.
- Invar and related nickel steels. Circular 58. U. S. Bureau of Standards. 68 P., illustrated, 7×10, paper. Washington, Government Printing Office.
- Proceedings of the City Managers' Association, 1915,—Niagara Falls, N. Y.: O. E. Car, Secretary. 128 P., 6×9, paper. Price: 15 cents.
- Report of Proceedings, twelfth annual meeting American Wood Preservers' Association, 1916. 432 P., illustrated, 6×9, paper. Baltimore, F. J. Angier, Secretary-treasurer, Mount Royal Station.
- Road dust preventives: references to books and magazine articles.—Pittsburg, Penn.: Carnegie Library. 39 P., 6×9, paper.
- The Institution of Railway Signal Engineers. Annual report of the Proceedings for the year 1915. 155 P., 2 folding plates, 8½×5½.
- The Panama Canals. Two volumes, 25 papers. 527 and 483 P. respectively, illustrated, 6×9, cloth. McGraw-Hill Book Co., New York.
- Water-supply paper, United States Geological Survey—Washington, D. C. Paper, 6×9, illustrated.
- No. 359, Surface water-supply of the United States, 1913, Part IX. Colorado River basin.—by N. C. Grover, R. Follansbee, E. A. Porter and G. A. Gray. 260 P.
- No. 375—G, Ground water in La Salle and McMullen Counties, Texas—by A. Deussen and R. B. Dolo. 41 P.
- No. 385, Surface water-supply of the United States, 1914, Part V. Hudson Bay and Upper Mississippi River basins—by N. C. Grover, and W. G. Hoyt and A. H. Horton, 247 P.
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