

新刊紹介

土木學會誌 第二卷第一號 大正五年二月

新刊紹介

Adams, O. S.—Application of the theory of least squares to the adjustment of triangulation. Special publication 28, U. S. Coast and Geodetic Survey. 220 P., tables and diagrams, 6×9, paper. Washington, D. C. Government Printing Office.

Andrews, E. S.—The strength of materials. 586 P., numerous illustrations, tables and worked examples, $8\frac{3}{4} \times 5\frac{1}{2}$. Chapman & Hall, 11, Henrietta Street, W. C., London. Price: 10 s. 6 d. net.

Beckstrand, E. H.—Result of experiments on sewer pipe and drain tile. Bulletin No. 7, Utah Engineering Experiment Station, June, 1915. Salt Lake City, Utah: State School of Mines, University of Utah. 52 P., illustrated, 6×9, paper.

Beggs, G. E.—Live load stresses in railways. 150 P., 6×9, illustrated, cloth. John Wiley & Sons, New York. 1915. Price: \$ 2.00 net.

Betts, H. S. and Newlin, J. A.—Strength tests of structural timbers treated by commercial wood-preserving processes. Bulletin 286, U. S. Department of Agriculture. 15 P., diagrams, 6×9, paper. Washington, D. C., Superintendent of Documents.

Blanchard, A. H.—Elements of highway engineering, 514 P., 202 illustrations, 6×9, cloth. Price: \$ 2.50 net.

Bowles, O.—Safety in stone quarrying. Technical paper 111 of the Bureau of Mine. 48 P., illustrated, 6×9, paper. Price: 10 cents.

Buck, A. M.—The electric railway. 390 P., 193 illustrations, 6×9, cloth. McGraw-Hill Book Co., New York and London. Price: \$ 3.00 net.

Burr, W. H.—The elasticity and resistance of the materials of engineering. Seventh edition, thoroughly revised. 928 P., illustrated, 6×9, cloth. Price: \$ 5.50 net.

Casler, M. D.—Simplified reinforced-concrete materials: Derivation of simple,

universal formulas and application of same to beams, columns and arches with nomographic computing device. 66 P., illustrated, 5×8 , cloth. D. Van Nostrand Co., New York. Price: \$ 1.00 net.

Clarke, S. W.—The law relating to the carriage by land of passengers, animals and goods. $5 \frac{1}{2} \times 8 \frac{1}{2}$. Sir Isaac Pitman & Sons, 1, Amen Corner, E. C., London. Price: 7 s. 6 d.

Coggeshall, R. C. P.—The development of the new Bedford Water Supplies. Old Dartmouth Historical Sketches No. 42 (being the proceedings of the Old Dartmouth Historical Society, held in its building, Water St., New Bedford, Mass., on Apr. 19, 1915). 23 P., 7×10 , paper.

Cory, H. T. and Blake, W. P.—Imperial Valley and the Salton sink. 420 P., illustrated and containing a large number of maps, diagrams and tabular data, 6×9 , cloth. John J. Newbegin, San Francisco. Price: \$ 3.50 net.

Danecaster, E. A.—Limes and cements: Their nature, manufacture, and use. Crosby, Lockwood and Son. Price: 5 s. net.

Etcheverry, B. A.—Irrigation practice and engineering. Vol. II. Conveyance of water. 364 P., 82 illustrations, and 31 plates, 6×9 , cloth. McGraw-Hill Book Co., New York, 1915. Price: \$ 3.50 (丸善賣價: 7.00 圓).

Fetherston, J. T.—Annual Report, Department of Street Cleaning, New York City, for the year 1914. 78 P., illustrated, $10 \frac{1}{2} \times 6 \frac{3}{4}$, paper. Department of Street Cleaning, New York.

French, T. E.—Agricultural drawing and design of farm. 130 P., 182 illustrations, 8×11 , cloth. McGraw-Hill Book Co., New York. Price: \$ 1.25 net.

Hammond, G. T.—Sewage treatment experimental plant in Brooklyn, N. Y.—(Reprinted from the Proceedings of the American Society of Municipal Improvements), 42 P., 31 illustrations, 6×9 , paper.

Hazard, D. L.—Results of magnetic observations made by the U. S. Coast and Geodetic Survey in 1914. Special publication No. 25, U. S. Coast and Geodetic Survey. 69 P., with tables, $7 \frac{1}{2} \times 11 \frac{1}{2}$, paper. Washington;

Government Printing Office.

- Hess, H. D.—Graphics and structural design. Second edition, revised. 444 P., illustrated, 6×9, cloth. John Wiley & Sons, New York. Price: \$ 3.00 net.
- 日比忠彦—鐵筋混凝土。理論及其應用。上卷。790 餘頁圖版
460 餘種,四六二倍判,布裝。丸善株式會社,東京。賣價: 5.50 圓。
- Holmes, F. L.—Regulation of railroads and public utilities in Wisconsin. 375 P., 6×9, cloth. D. Appleton & Co., New York. Price: \$ 2.00 net.
- Holt, R. B.—Tramway track construction and maintenance. 249 P., 178 illustrations and diagrams, 6×10, cloth. Tramway and Railway World Offices, Amberley House, Norfolk-Street, W. C., London. Price: 10 s. 6 d. (丸善賣價: 6.25 圓)。
- Hopson, E. G.—Pit River basin in California. 140 P., containing colored insert plates as well as an unusually large number of maps and other illustrations, $5\frac{3}{4}$ ×9, paper. California, State Printing Office.
- Hopson, E. G.—Pit River project in California. 55 P., illustrated by photos and drawings, $5\frac{7}{8}$ ×9, paper. Washington, Government Printing Office.
- Houghton, C. E.—The elements of mechanics of materials. Second edition, revised and enlarged. 216 P., illustrated, 6×9, cloth. D. Van Nostrand Co., New York. Price: \$ 2.00 net.
- Humphrey, C. J.—The toxicity to fungi of various oils and salts, particularly those used in wood preservation. Bulletin 227, U. S. Department of Agriculture. 38 P., 4 plates, 6×9, paper. Washington, Government Printing Office. Price: 10 cents.
- 川口虎雄外五氏—土木工學。上卷。508 頁,圖版 300 餘種。菊判布製。丸善株式會社,東京。賣價: 2.25 圓。
- Kershaw, G. B.—Guide to the reports, evidence and appendices of the Royal Commission on Sewage Disposal (of England). 178 P., 6×9, cloth. D. Van Nostrand Co., New York. Price: \$ 2.00 net.
- Lineham, W. J.—A treatise on hand lettering for engineers, architects, surveyors and students of mechanical drawing. 282 P., $12\frac{1}{2}$ ×8, Chapman &

Hall, I., Herietta Street, W. C., London.

Marshall, A.—Explosives: Their manufacture, properties, tests and history.

J. and A. Churchill, London. Price: 24 s. net.

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McCullough, E.—Practical surveying. 395 P., 299 illustrations. D. Van

Nostrand Co., New York. Price: \$ 2.00 net.

McDaniel, A. B.—Influence of temperature on the strength of concrete. Bulletin

81, Engineering Experiment Station, University of Illinois. 24 P., tables and diagrams, 6×9, paper. Urbana, Ill., University of Illinois.

Mead, D. W.—Water power engineering. Second edition. 843 P., 437 illus-

trations, 101 tables, 6×9, cloth. McGraw-Hill Book Co., New York. 1915.

Price: \$ 5.00 net postpaid. (九善賣價: 10.00 圓).

Nixon, R. L.—Cotton warehouse construction. Bulletin 277, U. S. Depart-

ment of Agriculture; contribution from Office of Markets and Rural Organiza-

tion. 38 P., 13 figs., paper. Washington, Government Printing Office.

Price: 10 cents.

岡崎文吉—治水. 598 頁, 圖版 143 種, 菊判布裝. 丸善株式

會社東京. 賣價: 2.45 圓.

Popplewell, W. C.—The elements of surveying and geodesy. 244 P., 179

figures, cloth. Longmans, Green & Co., London. 1915. Price: 7/6 net.

Rieser, H.—Jahrbuch der Technischen Zeitschriften-Literatur, Ausgabe, 1915.

98 P., 6×9, paper. Verlag für Enchliteratur, Gesellschaft m. b. H., Vienna, Austria. Preis: 4 M.

Scobey, F. C.—The flow of water in irrigation channels. Bulletin No. 194.

U. S. Department of Agriculture. Washington, D. C. (Government Print-

ing Office): Superintendent of Documents. 68 P., illustrated, 6×9, paper.

四 Sharpman, I. L.—Railway regulation: An analysis of the underlying problems

in railway economics from the standpoint of government regulation. 230 P.,

6×9, flexible leather. La Salle Extension University, Chicago. Price: \$

2.00 postpaid.

Shoop, G. F.—Investigation of the concrete road-making properties of Minne-

- sota stone and gravel. 55 P., illustrated; 7×10, paper. Bulletin 2, University of Minnesota.
- Sibert, W. L.—The construction of the Panama Canal. 339 P., 23 illustrations, 5×8, cloth. D. Appleton & Co., New York. Price: \$ 2.00 net.
- Spencer, A. S.—The practical design of steel-framed sheds. Constable & Co. London. Price: 10 s. 6 d. net.
- Twelvetrees, W. N.—Rivington's notes on building construction. Part I: 306 P., 484 illustrations, Part II: 332 P., 395 illustrations, 6×9, cloth. Longmans, Green & Co., New York. Price: \$ 2.25 each.
- Upton, G. B.—The structure and properties of the more common materials of construction. 325 P., illustrated, 6×9, cloth. John Wiley & Sons, New York. 1915. Price: \$ 2.50 net.
- Walker, F. R.—The building estimator's reference book: A practical and thoroughly reliable reference book for contractors and estimators engaged in estimating the cost of and constructing all classes of modern buildings etc. 612 P., illustrated, 4×7, flexible leather. Chicago, Ill. (30 North Michigan Ave.): The Author. Price: \$ 10.00
- Watson, W. J.—General specifications for concrete work as applied to building construction. Second edition. 56 P., illustrated, 8×11, paper. McGraw-Hill Book Co., New York. Price: \$ 1.00 net.
- Wilson, W. L.—Elements of railroad track and construction. Second edition. 396 P., 210 figures, $4\frac{3}{4} \times 7\frac{1}{2}$, cloth. John Wiley & Sons, New York. Price: \$ 2.50 net.
- Wilson, W. M. and Maney, G. A.—Wind stresses in steel frames of office buildings. Bulletin No. 80, Engineering Experiment Station, University of Illinois, Urbana. 88 P., 9×6. Chapman and Hall, London. Price: 2 s. 6 d.
- Woodward, S. M.—Land drainage by means of pumps. Bulletin No. 304, U. S. Department of Agriculture—Washington, D. C. 60 P., 6×9, paper.
- Yarnell, D. L.—Excavating machinery used in land drainage. Bulletin No.

- 300, U. S. Department of Agriculture—Washington, D. C. 39 P., 6×9 paper.
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Zimmermann, K.—Die Rammwirkung im Erdreich, Versuche auf neuer Grundlage. Mit 118, Textabbildungen. Wilhelm Ernst u. Sohn, Berlin. 1915, Preis: geh. 6 M.
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Annual report of the Water Supply Commission of Pennsylvania, 1914. 399 P., illustrated, 6×9, cloth. Harrisburg, Pennsylvania Water Supply Commission.
- Annual statistical report of the American Iron and Steel Institute for 1914. 118 P., 6×9, cloth. Philadelphia, Bureau of Statistics of the Institute, 216 South Fourth Street.
- Canadian irrigation report for 1914. (Ottawa, Ont.)—Part VII, Annual report, Department of the Interior. 222 P., illustrated, 7×10, paper.
- Canadian Society of Civil Engineers—Transactions, Vol. XXIX; Part I. Jan. to June, 1915. Montreal, Canada (176 Mansfield St.): C. H. McLeod, Secretary. 379 P., illustrated, 6×9, paper.
- Catskill Water Supply: A general description. Board of Water Supply of the City of New York, Municipal Building, New York City. 33 P., 6×9, paper.
- Comparative railway statistics, United States and foreign countries, 1912—Washington, D. C.: Bureau of Railway Economics. Bulletin No. 83. 78 P., 6×9, paper.
- Concrete septic tanks for farmhouses and dwellings in small towns. Prepared and published by the Universal Portland Cement Co., Chicago Ill. 8 P., illustrated, 6×9, paper.
- 六 Deutscher Ausschuss für Eisenbeton. Heft 29. Zweckmässige Zusammensetzung des Betongemenges für Eisenbeton. Bericht über Versuche in Königl. Materialprüfungsamt Berlin Lichterfelde West, erstattet von Professor M. Gary, Abteilungsvorsteher in Königl. Materialprüfungsamt. 1 Heft Oktav. 30 Seiten mit 16 Abbildungen, Berlin 1915. Wilhelm Ernst u. Sohn.

Preis : geh. 2.20 M.

Disposal of the sewage and protection of the water supply of Chicago, Ill.—

A report to the Chicago Real Estate Board by G. A. Soper, J. D. Watson and A. J. Martin. Chicago: The Board. 212 P., 6×9, cloth.

Farm water supplies. Minnesota State Board of Health (Division of sanitation), Minneapolis, Minn. 29 P., illustrated, 6×9, paper.

Granite macadam for road making. Sanitary Publishing Co., London: 55 and 56, Chancery Lane, W. C. Price: \$ 1.00

Gravity and pressure tanks, concrete reservoirs and valve pits. Regulations of the National Board of Fire Underwriters recommended by the National Fire Protection Association. 88 P., illustrated, $3\frac{1}{2} \times 5\frac{1}{4}$, paper. Boston National Fire Protection Association.

Iowa State Drainage Association: Proceedings of annual meeting held at Webster City, Ia., Feb. 25 and 26, 1915. Ames, Ia.: M. F. P. Costelloe, secretary. 111 P., 6×9, paper. Price: 25 cents, prepaid.

Iowa State Highway Commission—First annual report, 1913—1914. The Commission, Ames, Iowa. 351 P., illustrated, 6×9, cloth.

Load distribution tests of reinforced-concrete slab floors under concentrated loads. Bulletin 28 Ohio State Highway Department, Clinton Cowen, State Highway Commissioner. 97 P., illustrated, tables and diagrams, 6×9, paper. Columbus, Ohio, State Highway Department.

Proceedings of International Irrigation Congress—Held at Calgary, Alta., Canada, Oct. 5—9, 1914. 402 P., illustrated, 6×9, paper. Spokane, Wash.: Arthur Hooker, secretary.

Proceedings of the American Society for Testing Materials. Vol. 15, 1915. Part I, Committee reports; Part II, Technical papers. 485 and 477 P., 6×9, cloth respectively. Philadelphia, published by the Society, Edgar Marbury, secretary-treasure, University of Pennsylvania.

Rivington's notes on building construction. Part I. (Edited by W. Noble Twelvetrees). 332 P., Longmans Green & Co., London. Price: 7 s. 6 d.

net.

Report of the Watuppa Ponds and Quequechan River Commission to the City Council, City of Fall River, Mass., together with the report of Fay, Spofford and Thorndike, consulting engineers. Fall River: The Commission. 203 P., illustrated, 6×9, cloth.

Safety engineering applied to scaffolds. 354 P., 127 illustrations, 6×9, cloth. The Travelers Insurance Co., Hartford, Conn. Price: \$ 3.00.

Standards of service for water companies. Established by the State Public Utilities Commission of Illinois, Springfield, Ill. 7 P., 6×9, paper.

Steel sheet piling: Tables and data on the properties and uses of sections manufactured by the Carnegie Steel Co., Pittsburgh, Penn. 96 P., illustrated, 5×8, paper.

The municipal engineers of the city of New York. (29 West 39th. St.): Proceedings for 1914. 544 P., 6×9, cloth.

The Toronto hydroelectric system. Four annual report, 1914. 26 P., illustrated, 8×11, paper. Toronto, Can., Toronto Electric Commissioners.

United States Geological Survey publications. Washington, D. C. Paper, 6×9, illustrated. Water-supply papers--No. 340--L, Stream-gaging stations and publications relating to water resources, 1885--1913; Part XII, North Pacific slope drainage basins. Compiled by B. D. Wood. P. 147--195. No. 371, Equipment for current-meter gaging stations, by G. J. Lyon. 64 P. No. 375--F, Conditions requiring the use of automatic gages in obtaining records of steam flow. by C. H. Pierce. P. 131--139. No. 352, Surface water supply of the United States, 1913; Part II, South Atlantic and Eastern Gulf of Mexico basins. 84 P. No. 355, Surface water supply of the United States for year ending Sept. 30, 1913; Part V, Hudson Bay basins and Upper Mississippi River. 181 P. No. 370, Surface water supply of Oregon, 1878--1910--by F. F. Henshaw and H. J. Dean. 829 P. No. 376, Profile surveys in Chelan and Methow River basins, Washington, 8 P. No. 377, Profile surveys in Spokane River basin, Washington and John

Day River basin, Oregon. 7 P. No. 378. Profile surveys in 1914 on Middle Fork of Willamette River and White River, Oregon. 8 P. No. 379, Profile surveys in 1914 in Umpqua River basin, Oregon. 7 P. No. 388, Surface water supply of the United States, 1914; Part VIII, Western Gulf of Mexico basins, 124 P. No. 332—B.: Surface water-supply of the United States, 1912; Part XII: North Pacific drainage basins, B. Snake River basin. by N. C. Grover, and G. C. Baldwin and F. F. Henshaw. 227 P. No. 362—C.: Surface water-supply of the U. S., 1913; Part XII: North Pacific drainage basins, C. Lower Columbia River and Rogue, Umpqua, Wilson and Nehalem Rivers, by N. C. Grover and F. F. Henshaw. 246 P. No. 371: Equipment for current-meter gaging stations. by G. J. Lyon. 64 P. No. 375—F.: Conditions requiring the use of automatic gages in obtaining records of stream flow. by C. H. Pierce. P. 131—139.

Versuche zur Ermittlung des Rostschutzes der Eiseneinlagen im Beton, unter besonderer Berücksichtigung des Schtackenbetons. Heft 31 des Deutschen Ausschusses für Eisenbeton. Wilhelm Ernst u. Sohn, Berlin. Preis: geh. 8 M.

Water Supply Commission of Pennsylvania. (Harrisburg, Penn.): Annual report for 1914. 399 P., illustrated, 6×9, cloth.

内外諸雜誌主要題目

發電水力

第九號. 大正四年十一月十五日.

1. 下野電力會社取入口ニ於ケルろーりんぐだむ.

第十號. 大正四年十二月十五日.

1. 米國加州ノ水力電氣事業.
2. 混凝土水壓管採用ノ記錄.