

# 新 刊 紹 介

土木學會誌 第十二卷 第一號 大正十五年二月

## 內外諸雜誌主要題目

### Beton und Eisen

- XXIV. Jahrg. Heft 1. 5. Jan. 1925.** 1. Die Verwendung des Eisenbetons beim Neubau einer Drahtfabrik. Von H. J. Kraus.  $4\frac{1}{2}$  p. 2. Trägheitsmomente bei Eisenbetonrahmen. Von Haus Kuball.  $2\frac{1}{2}$  p. 3. Neue amtliche schwedische Zement- und Betonbestimmungen.  $3\frac{1}{2}$  p.
- XXIV. Jahrg. Heft 2. 20. Jan. 1925.** 1. Das Fabrikgebäude "Kronos" in Eleusis bei Athen. Von Paul P. Santo Rini.  $4\frac{1}{2}$  p. 2. Die Eisenbetonkonstruktionen für den Neubau eines Vereinshauses der Postangestellten in Prag. Von Dozent, Josef Fritsche u. J. Meisnar. 5 p.
- XXIV. Jahrg. Heft 3. 5. Feb. 1925.** 1. Anwendung von transportierbaren Eisenbeton caissons beim Bau des festen Wehres für das Wolchowkraftwerk. Von P. Lanpmann.  $5\frac{1}{2}$  p. 2. Beitrag zur Verwendung der Nomographie in der Eisenbetonrechnung. Von F. Eisner u. W. Kretschmer.  $2\frac{1}{2}$  p.
- XXIV. Jahrg. Heft 4. 20. Feb. 1925.** 1. Fahrbahntafeln aus Eisenbeton für eiserne Brücken. Von A. Rohn. 3 p. 2. Guss- und Schüttbeton bei neueren Kraftwerksbauten. Von Randzio.  $4\frac{1}{2}$  p. 3. Betondruckfestigkeit als Funktion des Mischungsverhältnisses. Von E. Suenson.  $3\frac{1}{2}$  p. 4. Einige Untersuchungen, die zur Klarstellung der Ursache von Bauschäden im Wasserbau beizutragen hatten. Von Otto Graf.  $4\frac{1}{2}$  p. 5. Hochwertiger Beton mit Stahlbewehrung. Von A. Gessner und A. Nowak.  $4\frac{1}{2}$  p. 6. Bauanfälle und deren Vermeidung. Von Max Möller. 2 p. 7. Schweissen und Schneiden. Von Richard Baumann.  $1\frac{1}{2}$  p. 8. Wettbewerb für die Brigitta-Brücken über den Donaukanal in Wien. Von Fritz Emperger.  $4\frac{1}{2}$  p. 9. Ueber die Auswirkung von "Bestimmungen" auf Bauweisen im allgemeinen und über einige Erfahrungen im Verbundbau vom baupolizeilichen Standpunkt. Von Luz. David.  $4\frac{1}{2}$  p.
- XXIV. Jahrg. Heft 5. 5. Mar. 1925.** 1. Anwendung von transportierbaren Eisenbetoncaissons beim Bau des festen Wehres für das Wolchowkraftwerk. Von P. Lanpmann. 3 p. 2. Betondruckfestigkeit als Funktion des Mischungsverhältnisses. Von E. Suenson.  $4\frac{1}{2}$  p. 3. Grubensichere Gründung von Wasserbehältern. Von Kurt Lerche. 2 p.
- XXIV. Jahrg. Heft 6. 20. Mar. 1925.** 1. Guss- und Schüttbeton bei neueren Kraftwerksbauten. Von Dr. Jur. Randzio. 4 p. 2. Wettbewerb für die Brigitta-Brücke über den Donaukanal in Wien. Von Fritz Emperger.  $2\frac{1}{2}$  p. 3. Erdbebensichere Gründungen. Von Mario Viscardini. 4 p. 4. Nomographie in der Eisenbetonberechnung. Von T. Wachsmann. 4 p.
- XXIV. Jahrg. Heft 7. 5. Apr. 1925** 1. Nordamerikanische Betonstrassen. Von A. Kleinogel. 5 p. 2. Nomographie in der Eisenbetonberechnung. Von J. Wachsmann.

- 2 p. 3. Kalksteinbeton. Von Fritz Eisemann. 1½ p. 4. Die richtige Zusammensetzung des Betons. 1½ p.
- XXIV. Jahrg. Heft. 8. 20. Apr. 1925.** 1. Das Chilehaus. 5 p. 2. Baunfälle und deren Vermeidung. Von Max. Möller. 3½ p. 3. Der Horizontalschub Kreisförmiger Zweigelenkbogen. Von Alfred Troche. 3 p.
- XXIV. Jahrg. Heft. 9, 5. Mai. 1925.** 1. Wassertürme aus Eisenbeton für die Industrie. 3 p. 2. Zur Frage der "Ausrüstung von Dreigelenk-Bogenbrücken." Von Otto Colberg. 4½ p. 3. Ueber das Ausrüsten von Dreigelenkbogen. Von E. Mörsch. 1½ p. 4. Zur Frage der "Ausrüstung von Dreigelenkbogenbrücken." 1 p. 5. Der Horizontalschub Kreisförmiger Zweigelenkbogen. Von Alfred Troche. 2½ p.
- XXIV. Jahrg. Heft 10. 20. Mai. 1925,** 1. Fertigkonstruktionen aus Eisenbeton. Von A. Kleinogel. 6 p. 2. Hilfstafeln zur Berechnung von durchlaufenden Trägern über ungleiche Öffnungen, Von L. Kármán. 2 p. 3. Ueber die Erhärtung von Beton bei niedrigen Temperaturen über dem Nullpunkt. Von A. Gessner. 1½ p.
- XXIV, Jahrg. Heft 11. 5. Juni 1925.** 1. Neuere Ausführungen von Bankeranlagen für Braunkohlenwerke. Von F. l'Allemand. 3½ p. 2. Die Vorschriften für die Ausführung von Bauwerken aus Eisenbeton und die Wirtschaftlichkeit der Verwendung von Eisenbeton für Bahnbrücken. Von K. Schnachterle. 6 p. 3. Eine neue Stossdeckung für Bewehrungsseisen. Von Eberhard Lucan. 2 p. 4. Auswertung der Versuche von Dr. Ing. F. Kann mit Modellen von Zweigelenkrahmen für die Praxis. Von Hans Kuball. 2 p.
- XXIV. Jahrg. Heft 12. 20. Juni 1925.** 1. Packhalle in Eisenbeton. Von Josef Kirschenhofer. 3 p. 2. Einsturz einer Dachkonstruktion. 2½ p. 3. Zur Anwendbarkeit des Eingelenkbogens. Von Ed. Proksch. 2 p. 4. Zum Einsturz des Betonbogens in Flensburg. Von F. v. Emperger. 1½ p.

### The Canadian Engineer

- Vol. 48. No. 1. Jan. 6, 1925.** 1. New M.C.R. Bridge over Niagara River. 3 p. 2. Construction of sand asphalt pavements. By H.C. Weathers. 2 p. 3. Hydro-electric power installed in 1924. 2½ p. 4. Intakes for hydro-electric power plant. By Robert W. Angus. 4 p.
- Vol. 48. No. 2. Jan. 13, 1925.** 1. Irrigation and Community development. By W. H. Snelson. 4 p. 2. Review Board report, Chicago diversion. 4 p. 3. Intakes for hydro-electric power plants. By Robert W. Angus. 3½ p.
- Vol. 48. No. 3. Jan. 20, 1925.** 1. St. Clair Avenue Bridge, vale of Avoca. By Gardner Alison and Neil G. Stewart. 4 p. 2. Transportation and national development. By J. G. Sullivan. 1½ p. 3. Further notes on O.H.E.P.C. construction. 3½ p. 4. Successful road show at Chicago. 1½ p.
- Vol. 48. No. 4. Jan. 27, 1925.** 1. Some features of plate girder design. By Robins Fleming. 4 p. 2. Amiesite asphalt pavement, hot mix, laid cold. By Charles A. Mullen. 3½ p. 3. Handling asphalt shipments in cars. By C.A. Tulley. 2 p. 4. Angular submerged trees planting. 2½ p. 5. Asphalt surfacing of old Macadam. By H.S. Perry. 2 p.

- Vol. 48. No. 5. Feb. 3, 1925.** 1. New district sewer system, London, Ont. By W. M. Veitch. 5 p. 2. Building construction in winter. By C.D. Harrington. 2 p.
- Vol. 48. No. 6. Feb. 10, 1925.** 1. Proposed filtration plant, St. Catharines, Ont. 4 p. 2. Wyer-Walcott report on hydro refuted. 2 p. 3. Elimination of dust on gravel roads. By B.C. Tiney. 2 p.
- Vol. 48. No. 7. Feb. 17, 1925.** 1. Progress of road construction in Quebec. By J. L. Boulanger. 5½ p. 2. New Ontario street subway. 1½ p. 3. Wyer-Walcott report on hydro refuted. 1½ p.
- Vol. 48. No. 8. Feb. 24, 1925.** 1. Water works extensions, Hanover, Ont. 2½ p. 2. Highway construction in Ontario, 1924. 2 p. 3. Thoughts regarding engineering education. By Prof. H.M. Mackay. 2 p. 4. Water purification in providence, R.I. By Julius W. Bugbee. 1½ p.
- Vol. 48. No. 9. Mar. 3, 1925.** 1. Modern water works pumping units. By F. Johnstone Taylor. 5 p. 2. Ontario Good Roads Association meeting. 2 p. 3. Conference of road superintendents. 2 p. 4. Highway construction in Saskatchewan. 2 p. 5. Construction of bituminous roads. By F. N. Rutherford. 2 p.
- Vol. 48. No. 10. Mar. 10, 1925.** 1. Water filtration plant at Chippawa. By G.G. Reid and D.H. Fleming. 3 p. 2. Water works practice in the province of Quebec. 4 p. 3. Municipal water works system, Montreal. By C.J. Desbaillets. 2½ p. 4. Economics in water-works engineering. By R. O. Wynne-Roberts. 3 p. 5. Accurate control of old filter plant. By E.G. McConnell. 1½ p.
- Vol. 48. No. 11. Mar. 17, 1925.** 1. Modern water works pumping units. By F. Johnstone Taylor. 5 p. 2. Activated sludge plants at Houston. By J. V. McVea. 1½ p. 3. The surveyor and good roads movement. By H.T. Routly. 2½ p.
- Vol. 48. No. 12. Mar. 24, 1925.** 1. Quinze River hydro-power development. 5 p. 2. Budget system for road construction. By C. A. Robertson. 1 p. 3. Economical design for arch centres. 2½ p. 4. Saving old stone roads by resurfacing. By Harry F. Harris. 1½ p.
- Vol. 48. No. 13. Mar. 31, 1925.** 1. Bridge over the second narrows, E.C. By Percy Ward. 2 p. 2. New asphalt pavement patent. By Charles A. Mullen. 1½ p. 3. Large power development, Stave Falls. 5½ p. 4. Sewage disposal plant for Milwaukee. By T. Chadkley Hatton. 2 p.
- Vol. 48. No. 14. Apr. 7, 1925.** 1. Large plate steel spiral turbine casings. 4 p. 2. Municipal water supply filter sand. By W.M. Weigel. 2 p. 3. Flood protection of Winnipeg District. By Nelson Barritt. 2 p. 4. Preliminary water power investigations. By A.M. Beale. 3½ p. 5. Water supplies and typhoid fever. By C.A. Holmquist. 1½ p.
- Vol. 48. No. 15. Apr. 14, 1925.** 1. Improvements to water works systems, Regina. By J.W.E. Farrell. 2 p. 2. New form of pavement surface. By H.W.D. Armstrong. 1 p. 3. Electric energy from large power plants. By H.E.M. Kensit. 2 p. 4. Arithmetic solution of hydraulic problems. By Robert W. Angus. 2½ p. 5. Water power resources of the dominion. 2½ p.
- Vol. 48. No. 16. Apr. 21, 1925.** 1. Isolation of the colon group in water. By Norman J.

- Howard, Radolph E. Thompson. 5 p. 2. Problems of sewer design in Canada. By A. G. Dalzell. 1½ p. 3. City management at Chatham. By C.H.R. Fuller. 2 p. 4. Construction of sub-grade foundation. By Clarence D. Pollock. 1 p.
- Vol. 48. No. 17. Apr. 28, 1925.** 1. Reliance terminal elevator, Fort William. By D. V. Whitehead. 2 p. 2. Road construction and maintenance. By James Todd. 1½ p. 3. Electric railway track construction. By H.W. Tate. 3½ p.
- Vol. 48. No. 18. May 5, 1925.** 1. Dam and filter plant at Smith's Falls. By E. H. Darling. 3 p. 2. New theory of asphalt mixtures. By Moray F. Macnaughton. 4 p.
- Vol. 48. No. 19. May 12, 1925.** 1. Problems of sewer design in Canada. By A. G. Dalzell. 2½ p. 2. Buffalo-Fort Erie bridge. 1½ p. 3. New theory of asphalt mixtures. By Moray F. Macnaughton, 5 p. 4. Aerial photographs, surveys and maps. By J. W. Pierce. 3½ p.
- Vol. 48. No. 20. May 19, 1925.** 1. Should we consider secondary stress? By Edward Godfrey. 3½ p. 2. New theory of asphalt mixtures. By Moray F. Macnaughton. 5 p. 3. Review of Toronto Harbor development. 2 p. 4. Ontario provincial highway system. By S. L. Squire. 2 p.
- Vol. 48. No. 21. May 26, 1925.** 1. Newfoundland power development. By A. A. Paoli and F. A. McLean. 7 p. 2. New theory of asphalt mixtures. By Moray F. Macnaughton. 5 p.
- Vol. 48. No. 22. June 2, 1925.** 1. Hydro plants in Lake St. John District. By G. B. Snow. 4 p. 2. New theory of asphalt mixtures. By Moray F. Macnaughton. 3 p. 3. Report of Committee on maintenance. 3½ p.
- Vol. 48. No. 23. June 9, 1925.** 1. Highway reconstruction in Nova Scotia. By R. W. McCough. 2 p. 2. Proposed Windsor-Detroit traffic tunnel. 2 p. 3. Redwing water waste in Border cities. By J. Clark Keith. 5½ p. 4. Modern methods of brick making. By F. B. McFarren. 1 p.
- Vol. 48. No. 24. June 16, 1925.** 1. Asphalt flooring laid in sub-zero weather. By Lewis Garbi. 3 p. 2. Purification of sewage-Sludge digestion. By William Gore and George G. Nasmith. 3 p. 3. Sheet Harbor hydro-electric power system. 6 p.
- Vol. 48. No. 25. June 23, 1925.** 1. Cascade River hydro-power development. By J. M. Wardle. 3½ p. 2. Stone and gravel producers present memorial. 3 p.
- Vol. 48. No. 26. June 30, 1925.** 1. Highway construction in West Virginia. By D. M. Mawhinney. 2½ p. 2. Topographical and exploration surveys. By J.W. Pierce. 3 p. 3. Standardized elevated steel water tanks. By J.E. O'Leary. 3 p.

### Concrete and Constructional Engineering

- Vol. XX. No. 1. January, 1925.** 1. Rapid hardening portland cement. (Results of practical tests). 6 p. 2. New reinforced concrete bridge over the Tweed. (Longest reinforced concrete arch in Great Britain). 2 p. 3. New reinforced concrete bridge at King's Lynn. 3 p. 4. A railway girder bridge. By S.A. Bunting. 5½ p. 5. Open-air swimming pools at Addington and Bishop's Stortford. By W.L. Scott. 4 p. 6. An economical type of abutment for arch bridges. 2 p. 7. Design of formwork for reinforced concrete construction. By A.E. Wynn. 1 v. Design tables. 5 p. with 6 tables. 8. The foreman's guide to concrete.—IV. By Albert

Lakeman. 5½ p.

**Vol. XX. No. 2. February, 1925.** 1. New motor race-tracks in France. (Track at Miramas, near Marseilles). 6 p. 2. Influence line diagrams for shearing force, bending moment, slope, and deflection for single-span girders. II. By W. Norman Thomas. 10½ p. 3. Rapid hardening portland cement. (Results of test up to 28 days). 4½ p. 4. Test on aluminous cement. By Oscar Faber. 10½ p. 5. Design of formwork for reinforced concrete construction. By A.E. Wynn. V. Design problems. 13 p.

**Vol. XX. No. 3. March, 1925.** 1. House building methods in Holland. (Concrete houses built of large slabs). 10 p. 2. Detection of overhanging beams. By S. M. Milbourne. 8 p. 3. Demolition of the defence works at Heligoland. 4 p. 4. Design of formwork for reinforced concrete construction. V. Design problems. By A. E. Wynn. 11 p. 5. Reinforced concrete cement silo. 6 p. 6. The foreman's guide to concrete. V. 5 p.

**Vol. XX. No. 4. Apr. 1925.** 1. Reinforced concrete cooling towers. (New type developed in Holland). 6 p. 2. Safety of retaining walls against sliding. By M. Reiner. 9 p. 3. Modern methods of construction. 6 p. 4. Strengthening a cast-iron railway bridge with reinforced concrete. 6 p. 5. Design of formwork for reinforced concrete construction. VI. Detail construction of footing forms. By A. E. Wynn. 8 p. 6. The foreman's guide to concrete.—VI. By Albert Lakeman. 5½ p. 7. Size and conformation of sands. 3 p.

**Vol. XX. No. 5. May, 1925.** 1. Architecture in concrete. (Professor Beresford Pite on "A concrete style.") 9 p. 2. Reinforced concrete factory buildings at Witton, Birmingham. 4 p. 3. Long-span beam bridge. 2 p. 4. Pressures on foundations. By N.L. Wallis. 9 p. 5. Design of formwork for reinforced concrete construction. VII. Detail construction of column forms. By A.E. Wynn. 16 p. 6. The foreman's guide to concrete.—VII. By Albert Lakeman. 5 p.

## Engineering

**Vol. CXIX. Jan. 2, 1925.** 1. Water-power plant at Forshuvudforsen, Sweden. 4 p. with 3 plates. 2. The oxylene timber fire proofing process. 2½ p.

**Vol. CXIX. Jan. 9, 1925.** 1. Electrical developments in Palestine. By H. Home. 1½ p. 2. Coal conveying plant on the River Tees at Port Clarence. By George Frederick Zimmer. 2½ p. with 1 plate. 3. The Physical and Optical Societies' exhibition. 2 p.

**Vol. CXIX. Jan. 16, 1925.** 1. The salvage of a floating dock. 3 p. 2. The Bassano Dam and irrigation works. 2 p. 3. Wind stresses in steel mill buildings. By Robins Fleming. 2½ p. 4. The physical and Optical Societies' exhibition. 2½ p. 5. Holman portable air compressor. 1 p.

**Vol. CXIX. Jan. 23, 1925.** 1. Hydro-electric plant at Forshuvudforsen, Sweden. 2½ p. 2. The Canadian Government dry dock at Esquimalt, B.C. 3 p. with 1 plate.

**Vol. CXIX. Jan. 30, 1925.** 1. Wind stresses in steel mill buildings. By Robins Fleming. 1 p. 2. 2-8-2 Electric locomotives on the Pennsylvania Railroad. 3 p. with 1 plate 3. Level luffing roof cranes at Bristol Docks. 1½ p. 4. Coaling staith on the River Tyne at Whitehill point. 1½ p.

- Vol. CXIX. Feb. 6, 1925. 1. Hydro-electric plant at Forshuvudforsen, Sveden. 3 p. 2. The repair of La Voulte cast-iron railway viaduct. 2 p. With 3 plates.
- Vol. CXIX. Feb. 13, 1925. 1. 2-8-2 Electric locomotives on the Pennsylvania Railroad. 3 p. with 3 plates.
- Vol. CXIX. Feb. 20, 1925. 1. Hydro-electric plant at Forshuvudforsen, Sweden. 5 p.
- Vol. CXIX. Feb. 27, 1925. 1. The cross oil-cracking plant. 2½ p. with 3 plates. 2. Bridge reconstruction work of the ministry of transport. 3½ p.
- Vol. CXIX. Mar. 6, 1925. 1. Small hydro-electric units. 2½ p.
- Vol. CXIX. Mar. 13, 1925. 1. The cross oil-cracking plant. 3½ p. 1 plate. 2. 21-ft. Larner-Johnson penstock valves. 2 p.
- Vol. CXIX. Mar. 20, 1925. 1. Small hydro-electric units. 2 p.
- Vol. CXIX. Mar. 27, 1925. 1. The regulation of the Murray River. 4 p. with 2 plates. 2. Bridge reconstruction work of the ministry of transport. 1½ p.
- Vol. CXIX. Apr. 3, 1925. 1. The regulation of the murray River. 2 p. 2. Small hydro-electric units. 1½ p.
- Vol. CXIX. Apr. 10, 1925. 1. Dry dock at Congella, Durban. 4½ p. with 1 plate.
- Vol. CXIX. Apr. 24, 1925. 1. Dry dock at Congella, Durban. 4 p.
- Vol. CXIX. May 1, 1925. 1. The regulation of the Murray River. 3 p. with 1 plate.
- Vol. CXIX. May 8, 1925. 1. The regulation of the Murray River. 1½ p. 2. The effect of grain upon the fatigue strength of steels. ¾ p. with 2 plates. 3. The defection of strain in mild steels. 2½ p.
- Vol. CXIX. May 15, 1925. 1. The Littleton Reservoir of the Metropolitan Water Board. 3½ p. 2. The gauging of rivers and tidal currents. 2½ p. with 3 plates.
- Vol. CXIX. May 22, 1925. 1. The Littleton Reservoir of the Metropolitan Water Board. 4½ p. with 3 plates. 2. The gauging of river and tidal currents. 1½ p. 3. The iron and Steel Institute. 2½ p.
- Vol. CXIX. May 29, 1925. 1. A rational pile-driving formula and its application in piling practice explained. 1½ p. 2. Bridge reconstruction work of the ministry of transport. 1½ p. 3. The electrification of the Irish Free State. 1¾ p.
- Vol. CXIX. June 5, 1925. 1. The Littleton Reservoir of the Metropolitan Water Board. 3½ p. 2. The electrification of the Irish Free State. 2 p. 3. Bucket dredge for Alluvial Gold. 1½ p. with 1 plate. 4. British and American practice in structural steel design. 2 p.
- Vol. CXIX. June 12, 1925. 1. A rational pile-driving formula and its application in piling practice explained. By A. Hiley. 2 p. 2. The electrification of the Irish Free State. 2¾ p. 3. The Gandy viaduct. 1 p. with 1 plate.
- Vol. CXIX. June 19, 1925. 1. Bridge reconstruction work of the ministry of transport. 2½ p. with 1 plate. 2. Diversion tunnel gates for the Arapuni hydro-electric power supply. 2 p.
- Vol. CXIX. June 26, 1925. 1. The railway centenary. 13 p. with 8 plates. 2. The International Railway Congress. 4 p.

## Schweizerische Bauzeitung

- Band 85. Nr. 1. 3. Jan., 1925. 1. Ein neues Projekt zur Ueberbrückung des Hudson River in New York. 2½ p.
- Band 85. Nr. 2. 10. Jan., 1925. 1. Die projektierten Kraftwerke Oberhasli der "Bernischen Kraftwerke" A.-G. 3 p.
- Band 85. Nr. 3. 17. Jan., 1925. 1. Die projektierten Kraftwerke Oberhasli der "Bernischen Kraftwerke" A.-G. 4½ p.
- Band 85. Nr. 4. 24. Jan., 1925. 1. Elektr. Kleinsp. bahn Harissenbucht-Fürigen. Von H. H. Peter. 3½ p.
- Band 85. Nr. 5. 31. Jan., 1925. 1. Vergleich der mannigfachen Charakteristiken verschiedener Typen moderner Schnelläuferturbinen. Von W. Zuppinger. 5 p.
- Band 85. Nr. 6. 7. Feb., 1925. 1. Der Einfluss der Ueberlagerungshöhe auf die Bemessung des Mauerwerks tiefliegender Tunnel. 2 p. 2. Vergleich der mannigfachen Charakteristiken verschiedener Typen moderner Schnelläuferturbinen. Von W. Zuppinger. 3 p.
- Band 85. Nr. 7. 14. Feb., 1925. 1. Normalisierung der Apparate beim Bau der elektrischen Locomotiven der S.B.B. Von Fritz Steiner. 3 p. 2. Pose d'une conduite d'eau potable dans le Lac Léman à Genève. Par Rob. Miche. 3½ p.
- Band 85. Nr. 8. 21. Feb., 1925. 1. Pose d'une conduite d'eau potable dans le Lac Léman à Genève. Par Rob. Miche. 3½ p. 2. Normalisierung der Apparate beim Bau der elektrischen Locomotiven der S.B.B. Von Fritz Steiner. 4 p.
- Band 85. Nr. 9. 28. Feb., 1925. 1. Einstielige Perrondächer in Hetzer'scher Holzbauweise. Von Ch. Chopard. 1½ p.
- Band 85. Nr. 10. 7. März 1925. 1. Ein logarithmischer Rechenschieber für Kanalisation und Wasserversorgung. Von H. Bock. 3 p.
- Band 85. Nr. 11. 14. März 1925. 1. Zur Rheinschiffahrt Strassburg-Basel. 1½ p. 2. Der Ausbau der Basler Rheinhamenanlagen. 5 p.
- Band 85. Nr. 12. 21. März 1925. 1. Die Brücke in Villeneuve-sur-Lot, nebst Betrachtungen zum Gewölbebau. 3½ p.
- Band 85. Nr. 13. 28. März 1925. 1. Die Egen-Staumauer von Montejaque. Von M. E. Wegenstein. 4½ p. 2. Die Brücke in Villeneuve-sur-Lot, nebst Betrachtungen zum Gewölbebau. 1½ p.
- Band 85. Nr. 14. 4. April 1925. 1. Die Niedervasser-Regulierung des Rheins zwischen Strassburg und Basel nach dem Ausführungs-Entwurf 1924. Von H. Bertschinger. 5 p.
- Band 85. Nr. 15. 11. April 1925. 1. Die Niedervasser-Regulierung des Rheins zwischen Strassburg und Basel, Projekt 1924. Von H. Bertschinger. 2 p.
- Band 85. Nr. 16. 18. April 1925. 1. Festigkeitsmechanische Prüfung des Baubodens. Von Ottokar Stern. 6 p.

## The Engineer

- Vol. CXXXIX. Jan. 2, 1925. 1. The British steam railway locomotive from 1825 to 1924.

- By E.L. Ahrons.  $2\frac{1}{2}$  p. 2. Locomotives of 1924. 5 p. 3. Sanitary engineering in 1924. No. I. 1 p.
- Vol. CXXXIX. Jan 9, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 3 p. 2. Harbours and waterways, 1924.  $1\frac{2}{3}$  p. 3. Sanitary engineering in 1924. No. II. 1 p.
- Vol. CXXXIX. Jan. 16, 1925.** 1. The British steam railway locomotive from 1852 to 1924. By E.L. Ahrons.  $2\frac{1}{2}$  p. 2. Water supply in 1924. No. I.  $1\frac{1}{3}$  p.
- Vol. CXXXIX. Jan 23, 1925.** 1. The British steam railway locomotive from 1852 to 1924.  $2\frac{3}{4}$  p. 2. Main line railway electrification. By Sir Philip Dawson and S. Parker Smith.  $2\frac{3}{4}$  p. 3. Water supply in 1924. No. II. 2 p. 4. The measurement of mechanical vibrations. By H.A. Thomas.  $1\frac{2}{3}$  p.
- Vol. CXXXIX. Jan. 30, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons.  $2\frac{1}{2}$  p. 2. Saint Paul's Cathedral: Its structure, defects and repair. By William Harvey.  $2\frac{3}{4}$  p. 3. New coal staith on the Tyne. 1 p.
- Vol. CXXXIX. Feb. 6, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons.  $2\frac{3}{4}$  p. 2. Main line railway electrification. By Sir Philip Dawson and S. Parker Smith. 4 p. 3. High head pumping plant for Simla water supply. 1 p. with 1 plate.
- Vol. CXXXIX. Feb. 13, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 3 p.
- Vol. CXXXIX. Feb. 20, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons.  $2\frac{3}{4}$  p. 2. New type of hydraulic turbine. 2 p. 3. Fixing a circulating water screening plant. 1 p.
- Vol. CXXXIX. Feb. 27, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 1 p. 2. New dock equipment on the Clyde. 2 p. 3. Report on New Zealand Railways.  $1\frac{1}{3}$  p.
- Vol. CXXXIX. Mar. 6, 1925,** 1. The British railway locomotive from 1825 to 1924. By E.L. Ahrons.  $2\frac{1}{2}$  p. 2. Velocity wind in conical ducts.  $1\frac{1}{2}$  p. 3. The Mangabau hydro-electric scheme.  $2\frac{1}{3}$  p. 4. New dock equipment on the Clyde.  $2\frac{1}{3}$  p.
- Vol. CXXXIX. Mar. 13, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 3 p. 2. Indian monsoons and floods in 1924. By Reginald Ryves. 1 p. 3. Floating pneumatic grain elevators for the Port of London. 3 p. 4. New dock equipment on the Clyde.  $2\frac{1}{2}$  p.
- Vol. CXXXIX. Mar. 20, 1925.** 1. The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 5 p. 2. The Chaney-Pongry hydro-electric power station.  $3\frac{1}{2}$  p. 3. New dock equipment on the Clyde. 2 p. 4. 22,000-volt motor generator locomotive. 2 p.
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- Vol. CXXXIX. June 26, 1925.** The British steam railway locomotive from 1825 to 1924. By E.L. Ahrons. 3 p. 2. Waterloo temporary bridge. 3 p. with 1 plate. 3. The Littleton-Queen Mary-Reservoir and works. No. II. 5 p.

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