LIBRARIES NOV 23 1970 i...
COLORADO STATE L'ARVERSTON

PARTIAL BIBLIOGRAPHY ON

CONTENTS OF A. S. C. TRANS. FROM

1935 - 1953

WITH EMPHASIS ON HYDRAULICS AND SEDIMENTATION

BY

A. R. Chamberlain



7A7 CG (ER-54-36

A. R. Chamberlain

COLORADO STATE UNIVERSITY
ENGINEERING LIBRARY
HEADING
U.D.C. 626/7

Partial Bibliography on

Contents of A. S. C. E. Trans. from

1935 - 1953

with Emphasis on Hydraulics & Sedimentation

terione people ance in and Fig. ally roller ded alloss.

ing ar back place of trade to place.

Modern engents of the men with

Strange L. Maszin. Die

A. R. Chamberlain

January, 1954

COLORADO STATE UNIVERSITY

A COEN 200 AI

A.S.C.E. Trans: 1935

- An approach to determinate stream flow. Merrill M. Bernard. pp 347.
- Discharge formula and tables for sharp crested suppressed wires. C. G. Cline, Esq. pp 396.
- Sand mixtures and sand movement in fluvial models.

 Hans Kramer. pp 798.
- The Reservoir as a flood control structure.

 George R. Clemens. pp 879.
- Wave pressures on sea-walls and breakwaters.
 David A. Molitor. pp 984.
- Flow of water around bends in pipes.

 David L. Yarnell & Floyd A. Nagler. pp 1018.

1936

- The hydraulic jump in terms of dynamic similarity.

 Boris A. Bakhmeteff & Arthur E. Matzke. pp 630.
- Frictional resistance in artificially roughened pipes.
 Victor L. Streeter. pp 681.

- Stable channels in erodible material. E. W. Lane. pp 123.
- Sedimentation in quiescent and turbulent basins. J. J. Slade, Jr. pp 289.
- Modern concepts of the mechanics of fluid turbulence.
 Hunter Rouse. pp 463.
- Comparison of sluice-gate discharge in model and prototype. Fred W. Blaisdell. pp 544.
- Varied flow in open channels of adverse slope.

 Arthur E. Matzke. pp 651.

Flow characteristics in elbow draft tubes. C. A. Mockmore. pp 402.

- The passage of turbid water through Lake Mead.
 Nathan C. Grover and Charless. Howard.
- Back water and draw down curves for uniform channel.

 Nagaho Mononobe. pp 950.
- Measurement of debris laden stream flow with critical depth flumes. H. G. Wilm, John S. Cotton and H. C. Storey. pp 1237.

1939

interest of wifthe end and inch along the contract

- Flood Routing: Edward J. Rutter, Quintin B. Graves, and Franklin F. Snyder. pp 275.
- Water hammer pressures in compound and branched pipes. Robert W. Angus. pp 340.
- Laboratory investigation of flume traction and transportation.
- Transportation of sand and gravel in a four-inch pipe.
 G. W. Howard. pp 1334
- Observed effects of geometric distortion in hydraulic models. Kenneth D. Nichols. pp 1488.
- A theory of silt transportation. W. M. Griffith. pp 1733.
- Siphons as water level regulators.

 J. C. Stevens. pp 1787.

- The Yellow River problem. 0. J. Todd and S. Eliassen. pp 346.
- Lateral spillway channels. Thomas R. Camp. pp 606.
- Design of an open channel control section. Karl R. Kennison. pp 744.
- Beach erosion studies. Earl I. Brown. pp 869.

- . Design of a high-head siphon spillway. Elmer Rock. pp 1050.
- Development of the Colorado River in the upper basin. Thomas C. Adams. pp 1345.
- Relation of the statistical theory of turbulence to hydraulics.
 A. A. Kalinske. pp 1547.
- Functual design of flood control reservoirs. C. J. Posey and Fu-Te I pp 1638.

Hydrodyn gieg br

1941

- Effects of rifling on four-inch pipe transporting solids. G. W. Howard. pp 135.
- Transient flood peaks. Henry B. Lynch. pp 199.
- Permissible composition and concentration of irrigation water. pp 849.
- Analysis of legal concepts of subflow and percolating waters. C. F. Tolman and Amy C. Stipp. pp 882.
- Pressure-momentum theory applied to the broad-crested weir. H. A. Doeringsfeld and C. C. Baker. pp 934.
- Model tests, budge pier supported on long steel piles.
 Thomas F. Comber, Jr., John M. Coan, Jr. pp 970.

- Hydraulics of sprinkling systems for irrigation. J. E. Christiansen. pp 221.
- Concrete in sea water: A revised viewpoint needed.
 Homer M. Hadley. pp 345.
- Caviation in outlet conduits of high dams. Harold A. Thomas and Emil P. Schulun. pp 421.
- Formulas for the transportation of bed load. H. A. Einstein. pp. 561.
- Fort Peck slide. J. A. Middlebrooks. pp 723.

- Missouri River Slope and sediment. William Whipple, Jr. pp. 1178.
- A direct method of flood routing. C. O. Wisler and E. F. Brater. pp. 1519.
- *Pipe-line flow of solids in suspension. A symposium pp. 1564.

- Hydrodynamics of model storm sewer inlets applied to design. G. S. Tapley. pp. 409.
- Profile curves for open channel flow. Dwight F. Gunder. pp. 881.
- Viscosity and surface tension effects on V-notch weirs coefficients. Arno T. Lenz. pp. 759.
- Hydraulic design of drop structures for Gully control.

 B. T. Morris and D. C. Johnson. pp. 887.
- Distribution graphs of suspended-matter concentration.

 J. W. Johnson. pp. 941.
- Earth pressure and shearing resistance of plastic clay.
 A symposium. pp. 965.
- Energy loss at the base of a free overfall. Walter L. Moore. pp. 1343.
- Entrainment of air in flowing water. A symposium. pp. 1393.

- Conformity between model and prototype. A symposium. pp 1.
- Determination of Kutter's n for sewers partly filled. C. Frank Johnson. pp 223.
- Aeration of spillways. G. H. Hickox. pp 537.
- Flow around bends in stable channels. C. A. Mockmore. pp 593.
- Effect of turbulence on sedimentation. William E. Dobbins. pp 629.

- Flow characteristics at rectangular open channel junction. E. H. Taylor. pp 893.
- Sedimentation in reservoirs. Bevard Witzig. pp 1047.
- The hydraulic jump in sloping channels. Carl E. Kindrater. pp 1107.

A. R. Chamberlain

1945

- Surges in Panama Canal reproduced in model. F. W. Edwards and Edward Soucek. pp 345.
- Economical canal cross sections. Victor Streeter. pp 421.
- Coefficients for velocity distribution in open channel flow. William Eisenlohr, Jr. pp 633.
- Translatory waves in natural channels. J. A. Wilkinson. pp 1203.
- Construction of flow net for hydraulic design. H. Alden Foster. pp 1237.
- Hydraulic model investigation of miter gate operation.

 Maurice N. Aimster. pp 1297.

- Evaporation from a free water surface. G. H. Hickox. pp 1.
- Transportation of suspended sediment by water. Vito A. Vanoni. pp 67.
- Conversion of kinetic to potential energy in flow expansion.

 A. A. Kalinske. pp 355.
- Determination of pressures within a siphon spillway. I. M. Nelidou. pp 679.
- Sedimentation and design of settling tanks. Thomas R. Camp. pp 895.
- The mechanism of energy loss in fluid friction.

 B. A. Bakhmeteff and William Allen. pp 1043.
- Future of Lake Mead and Elephant Butte Reservoir.
 J. C. Stevens. pp 1231.

Caviation in hydraulic structures. A symposium. pp 1.

Uplift pressure in and beneath dams. A symposium. pp 443.

Recharge and depletion of ground-water supplies.

Charles L. McGuinness. pp 972.

Drawdown test to determine effective radius of artesian well. C. E. Jacob. pp 1047.

1948

Underground conduits - M. G. Spangler. pp 316.

River infiltration as a source of ground water supply. Raphael G. Kazmann. pp 404.

1949

The significance of pore pressure in hydraulic structures.

L. F. Harza. pp 193.

Panama Canal. A symposium. pp 607.

1950

Integrating the equation of nonuniform flow. M. E. VonSeggern. pp 71.

Diffusion of submerged jets. M. L. Albertson, G. B. Dai, R. A. Jensen, and Hunter Rouse. pp 639.

Flow around bends in an open flume. Ahmed Shukry. pp 751.

Multiple purpose reservoirs. A symposium. pp 790.

An engineering concept of flow in pipes. Charles W. Harris. pp 909.

Control of the hydraulic jump by sills. John W. Forster and Raymond A. Skrinde. pp 973.

Stream flow variability. E. W. Lane, and Kai Lei. pp 1084.

High-velocity flow in open channels. A symposium. pp 265.

- Measurement and analysis of suspended sediment loads in streams. Martin E. Nelson and P. C. Benedict. pp 891.
- Economic effects of reservoir sedimentation. William E. Corfitzen. pp 1109.
- Sedimentation studies at Conchas reservoir in New Mexico.
 D. C. Bondurant. pp 1283.
- The problem of wave action on earth slopes. Morten A. Mason. pp 1398.

- Sounding methods for sedimentation studies. A symposium. pp 44.
- Measurement of sedimentation in small reservoirs. L. C. Gottschalk. pp 59.
- Model and prototype studies of sand traps. Ralph L. Parshall. pp 204.
- Design of irrigation systems. W. H. Nalder, pp 230.
- Regime theory for self-formed sediment-bearing channels. T. Blench. pp 383.
- Turbulent transfer mechanism and suspended sediment in closed channels. Hassan M. Ismail. pp 409.
- Experimental study of water flow in annular pipes. W. M. Owen. pp 485.
- Model tests using low velocity air. James W. Ball. pp 821.
- Utilization of ground water in California. T. Russel Simpson. pp 923.
- Consumptive use of water. A symposium. pp 948.
- Surface curves for steady nonuniform flow. Robert Jansen. pp 1091.
- River channel roughness. H. A. Einstein and Nicholas L. Barbarossa. pp 1121.

J. B. Thombertom

1953

Graphical solution of hydraulic problems. Kenneth E. Sorensen. pp 61.

Analysis of ground-water lowering adjacent to open water. Stuart B. Avery, Jr. pp 178.

Engineering aspects of water waves. A symposium. pp 546.

Electrical analogies and electronic computers. A symposium surge and water hammer problems. Henry M. Paynter. pp 962.

Effect of entrance conditions on diffuser flow. J. M. Robertson and Donald Ross. pp 1068.