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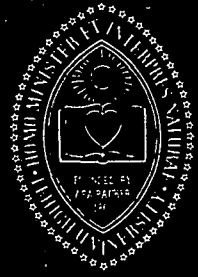
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237.29

# LIST OF PUBLICATIONS

February 1964

Fritz Engineering Laboratory  
Department of Civil Engineering



LEHIGH  
UNIVERSITY

**LIST OF PUBLICATIONS**  
**1964**

**Fritz Engineering Laboratory**  
**Department of Civil Engineering**

## FOREWORD

Presented in this booklet is a listing of the publications of the staff members of Fritz Engineering Laboratory of the Department of Civil Engineering, Lehigh University. These publications are the result of research programs carried out in the laboratory up to 1964.

The Fritz Engineering Laboratory was founded in 1909 and was expanded and modernized in 1954-55. Through its instructional facilities, research programs and industrial testing facilities, the laboratory has taken a major part in the advancement of knowledge and techniques in the field of civil engineering.

Research investigations are being carried out in the fields of structural metals, structural concrete, hydraulics, soils, structural models, sanitation, and material testing. Numerous design specifications have been influenced by the results of these studies conducted at the laboratory.

To obtain the maximum benefit from the results of such studies, it is the general policy of the laboratory to issue research reports for publication in the journals of the profession. Reprints of these publications can be obtained from the laboratory, subject to their availability. To cover mailing and handling costs, a nominal charge of 25 cents per copy is made.

The first part of the list consists of publications arranged according to their "publication numbers". The second part includes early published papers. These papers are given sequential numbers with the letter "A" prefixed. An author index and a subject index are also provided to facilitate the retrieval of information.

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6. Johnston, B.  
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AUTHOR INDEX

- AISC, 110  
 Antoni, C. M., A30  
 ASCE, 141, 152, 157, 160, 178, 191  
 Assimocopoulos, B., 173
- Basler, K., 148, 155, 164, 165, 179,  
 185, 186, 187, 193, 210, 215  
 Beedle, L. S., 72, 75, 78, 79, 80, 81,  
 86, 87, 91, 92, 96, 97, 98, 101, 102,  
 104, 106, 107, 109, 114, 115, 123,  
 127, 161, 168, 177, 196  
 Bendigo, R. A., 231  
 Bereuter, R. O., 85  
 Black, W. R., A31  
 Brandes, J. L., 60
- Chang, F. K., 61, 68, 82  
 Cheney, L., 58, 59  
 C. E. Staff, 204, 205, 221, 238  
 Christopher, R. J., 224  
 Cooper, P. B., 220  
 Coston, R., 174  
 Cox, K. C., 45, 49, A32  
 Crispen, R. E., A27  
 Culver, C., 174
- Deits, G. R., 57  
 Dittig, R. G., 170  
 Driscoll, G. C., Jr., 115, 122, 123,  
 140, 180, 199, 206, 230
- Ehasz, F. L., A20, A21  
 Ekberg, C. E., Jr., 117, 119, 131,  
 142, 173, 175  
 Eney, W. J., 88, 93, 94, 99, 105,  
 117, 126, 143, 147, 159, 214  
 Estuar, F. R., 207, 217
- Ferrara, A., 203  
 Fisher, J. W., 122, 123, 140, 200,  
 211, 230, 232  
 Foreman, R. T., 162  
 Fujita, Y., 199  
 Fukumoto, Y., 197  
 Fuller, M. O., 90, A90
- Galambos, T. V., 136, 156, 158, 166,  
 177, 192, 195, 197, 202, 203, 212,  
 226, 236  
 Gaylord, E. H., 196
- Gibson, G. J., 13, 14, A18  
 Godfrey, H. J., 3, 5, 44, 48, 52,  
 A28  
 Graham, J. D., 146, 163  
 Green, L. F., 50  
 Gross, J. H., 84
- Haaijer, G., 118, 124  
 Hansen, R. M., 231  
 Hechtman, R. A., 51, 62  
 Herbich, J. B., 171, 172, 181, 188,  
 208, 209, 219, 224, 225  
 Holme, J. M., 2, 4  
 Huber, A. W., 96, 133, 135  
 Hulsbos, C. L., 229, 234
- Ippen, A. T., A33
- Jensen, C. D., 108, 146, 163, A5,  
 A7, A12, A13, A19, A24, A27, A30  
 Johnston, B. G., 6, 43, 44, 45, 46,  
 47, 49, 50, 51, 53, 55, 56, 57,  
 58, 59, 61, 62, 63, 64, 65, 66,  
 67, 68, 70, 71, 72, 74, 75, 76,  
 78, 80, 81, 82, 85, 86, 87, 95  
 99, A16, A29  
 Johnston, E. R., 92  
 Jones, J., 166
- Kaminsky, E. L., 91, 101  
 Karr, M. H., 139  
 Kawai, T., 121, 137  
 Ketter, R. L., 81, 91, 98, 100,  
 101, 103, 106, 109, 114, 116,  
 132, 134, 135, 136, 145, 149  
 Keyser, C. C., 25, 35, 89  
 Khabbaz, R. N., 146, 163  
 Knudsen, K. E., 61, 68, 70, 76,  
 86, 92, 105  
 Kreidler, C. L., 19, A4  
 Kubo, G. G., 99  
 Kusuda, T., 150
- Lay, M., 226  
 Lee, G. C., 163, 195, 230  
 Levi, V., 218  
 Loewer, A. C., Jr., 88, 93, 94  
 Lotz, W. F., A24  
 Lu, L. W., 183, 184, 206, 222, 223,  
 227, 228

Lyse, I., 1, 3, 4, 5, 7, 8, 10, 11,  
 12, 13, 15, 16, 18, 19, 20, 21,  
 22, 23, 24, 26, 27, 28, 29, 30,  
 31, 32, 33, 34, 35, 36, 37, 38,  
 39, 40, 41, 42, 89, A2, A3, A6,  
 A10, A11, A14, A15, A18, A22, A23,  
 A25, A31

Macias-Rendon, M. A., 190  
 Madsen, J. E., 15, 54  
 Mains, R. M., 60  
 McKibben, F. P., A1  
 McPherson, M. B., 73, 138, 139, 170  
 Mount, E. H., 46, 48, 53  
 Mueller, J. A., 163, 165  
 Muhlhause, E. K., 93  
 Munse, W. H., 70, 76, A26

Nece, R. E., 73  
 Nettles, H. R., 2, 8  
 Nishino, F., 237  
 Nitta, A., 233

Ojalvo, M., 151, 167, 182, 197, 218  
 Opila, F., 56  
 Osborn, C. J., 65, 66, 67  
 Ostapenko, A., 176

Prasad, J., 197  
 Pray, R. F., 108  
 Pressure Vessel Research Committee, 69

Rao, N. R. N., 194, 216  
 Ready, J. A., 72  
 Reimer, P. H., Jr., 189  
 Reynolds, J. B., A21  
 Roesli, A., 94, 117, 130  
 Rumpf, J. L., 162, 231, 232  
 Ruzek, J. M., 77, 83, 92

Schiffman, R. L., 126  
 Schreiner, N. G., 10, 11  
 Schutz, F. W., Jr., 107, 122  
 Scotchbrook, A. F., 65, 66, 67, 74  
 Sherbourne, A. N., 146, 163

Shilling, C. G., 107  
 Slater, W. A., 18, 90, A2, A3, A6, A8,  
 A9  
 Slutter, R. G., 119, 131, 142, 180  
 Smislova, A., 88, 117  
 Sorensen, R., 225  
 Stewart, D. M., 7, 9, A14  
 Stout, R. D., 65, 66, 67, 71, 74, 77,  
 83, 84

Strausse, H. S., 138

Tall, L., 161, 177, 194, 198, 207,  
 216, 217, 235  
 Taylor, I. J., 126, 143, 159, 213,  
 214  
 Thurlimann, B., 85, 95, 100, 106,  
 111, 112, 113, 120, 121, 124,  
 125, 144, 147, 148, 153, 154,  
 155, 165, 185, 193, 201, 210  
 233

Toprac, A. A., 80, 104  
 Tor, S., 71, 77, 83  
 Tsang, S., 84

Ueda, V., 202  
 Uhler, E. H., A5

Viest, I. M., 200, 211

Walther, R. E., 119, 128, 129, 130,  
 142  
 Warner, R. F., 169, 173, 234  
 Welch, C. B., A26  
 Wernisch, G. R., 16, 17, A17  
 White, M. W., 111  
 Willenbrock, J., 225  
 Williams, J. C., Jr., 138

Yang, C. H., 75, 78, 86, 87  
 Yen, B. T., 145, 165, 215, 220  
 Yen, Y. C., 206  
 Yu, A. T., 64, A34  
 Yura, J., 230

Zanoni, E., 222

\* Number refers to the "publication number"

## SUBJECT INDEX

### Alloys

Test of, 56

Analysis, 176, 184

### Apparatus

Dunagan Buoyancy, 2

Arches, 228

### Bars

Bond, 49

Reinforcing, 16, 17

Round, 202

Tacoma Narrows Anchorage, 44

### Beams

Composite, 120, 174

Concrete, 105, 129, 142, 169, A32

Continuous, 86

Fatigue resistance, 119

Cross, 121

I, 226, 237

Instability, 163

Lateral buckling of, 236

Plastic behavior, 63, 223

Reinforced concrete, 45, A2

Shear, 26

Single Span, 109

Steel, 78, 203

Torsion of, 8, A20

Web buckling, 5

Wide flange, 95

Bolts, A325, 232

### Brackets

Welded structural, A19

### Bridges

Materials, 200

Multi-beam, 117, 128, 130, 229

### Brick

Columns, 21, 24

### Buckling

Behavior, 207

Inelastic, 124

Specifications, 166

### Cables

Stranded, A34

Tension and bending, 9

### Clay

Effect in concrete, 1

### Columns

Above elastic limit, 103

Beam, 183, 192, 197

Brick, 21, 24

Buckling of, 153

Concrete, A6

Design, 158, 196, 212

Eccentrically loaded, 135

Effect of rigid connections, 42

I-section, 55

In continuous structures, 218

In planar structures, 218

Perforated cover plates, 111

Pin-ended, 133

Reinforced, 34, 216

Restrained, 167

Round, 199

Steel, 58, 59

Strength, 81, 98, 161, 211, 233

Under combined thrust and moment,  
72, 136

Under sustained loading, 18, 19, 20

Welded, 90, 217

### Concrete

Beams, 105, 129, 142, 169, A32

Cement-water ratio, 29, A17

Columns, A4

Compressive strength, 40

Constant water content, 32

Design, A23

Durability of, 4

Effects of clay admixture, 1

Fatigue tests, 173, 234

Mixes, 25, 30, 31, A10

Quality and economy, 33, 39

Railway slabs, 131

Reinforced, A14

Shrinkage of, 37, 38

Slag, 27

Strength of, 36

Test of, A8

Conductors, 64

### Connections

End, 237

Flexible welded angle, 50

Restraint, 51

Seat angle, 7, 10, A13

Semi-rigid, 53

Welded beam to column, 13, 108, 146,  
163, A5, A18

Connections (cont'd)

Welded building, 57, 60, 62  
Welded corner, 104, 122, 140, 230  
Connectors, 144

Design Economy, 205

Dikes, 208

Dissipators

Bucket-type energy, 139

Dowels, 28

Dredging, 181

Fatigue

Railway slabs, 131

Vibration, 64

Floor Systems

Battledeck, 15

Frames

Gabled, 134

Loaded into plastic range, 182

Pinned base, 145

Portal, 80, 92

Rigid steel, 79, 97, 102, 156, A31

Stability of, 206, 227

Single-span, 107, 109, 149

Welded building, 46, 53

Fritz Laboratory, 47, 110, 175, 180,  
209, 238, A1, A11, A15, A22

Girders

Crane, 54

Plate, 82, 99, 125, 148, 155, 164,  
165, 179, 185, 186, 187, 193,  
210, 220

Static carrying capacity, 215

With inclined stiffeners, A24, A30

Hydraulics, 170, 171, 172, 188, 221,  
225

Joints

Bolted structural, 162

Compact, 201

Cromansil steel, 26

Highway, 28

Long bolted, 231

Knees

Square rigid, 123

Ladles

Hot metal, 70, 76

Crane ladle hooks, 61

Loads

Static and fatigue, 147

Metals

Tension test of, A29

Modular Ratio, 41

Moment Distribution Constants, 189,  
190

Panels, 150

Pavements, 126, 143, 159, 213, 214

Photoelastic Methods, 7, 61, A21

Plastic

Analysis, 89, 114

Behavior, 115

Deformation, 91, 101

Design, 75, 106, 113, 116, 127,  
141, 151, 152, 157, 160, 168,  
178, 191

Plates

Buckling, 118

Folded, 222

Sectorial, 137

Transition temperature, 71

Welded, 194, 235

Poisson's Ratio, 3

Polariscope, 73

Pressure Vessels, 65, 66, 67, 69,  
77, 94, A9

Pumps, 219, 224, A33

Ropes

See Cables

Sections

Subjected to torsion, A25

Torsional rigidity of, A16

Shells, Cylindrical, 85, 95

Slabs

Influence surfaces for moments  
in, 112

Railway, 131

Steels

Construction, 177

Cromansil, 26

Load tests on, 83

Physical properties, 3, 35, 89,  
96, 204

Stresses

- Beam, A3
- Residual, 78, 132, 198
- Structural significance of, 43

Structures

- Inelastic stability, 154

Testing Machines

- Capability, 22
- Repeated load, 94
- Torsional, 6, 68

Torsion

- of plate girders, 82
- Testing equipment, 93

Transition Test, 74

Ultimate Strength, 100

Valves, Butterfly, 138

Vibration

- Effect on cables, A34

Welds

- Covered electrode, 48
- Effects of current, A7
- Fillet, 11, A12
- in continuous structures, 12
- Plug and slot, 14
- Subjected to bending, A27

Wheels

- Loaded spoked vehicle, A21

Wires

- Cold-drawn steel, 52
- Fatigue properties, A28
- Strains, 88