

# Bibliography, Concrete Structures

Theses are given in order of time of publication. The numbers refer to the two series of dissertations at Chalmers University of Technology (the original, 1941-1975, and the new from 1971). The first PhD dissertation was arranged in 1948 although the first theses were published earlier. Theses until 1966 are in Civil Engineering, while theses from 1971 are in Concrete Structures.

## Doctoral Theses

- [1] Bertil Löfquist. "Temperatureffekter i hårdnande betong. Undersökning av några faktorer som påverka sprickbildningen i grövre konstruktioner—Jämförelse mellan två svenska cement". No. 3, 195 pp (in Swedish). PhD thesis. Chalmers University of Technology, 1946.
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- [7] Per Anders Hedar. "Stability of Rock-fill Breakwaters". No. 26, 119 pp. PhD thesis. Chalmers University of Technology, 1960.
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- [9] Alf Samuelsson. "Linear Analysis of Frame Structures by Use of Algebraic Topology". No. 36, 115 pp. PhD thesis. Chalmers University of Technology, 1962.
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- [13] Lennart Elfgren. "Reinforced Concrete Beams Loaded in Combined Torsion, Bending and Shear: A Study of the Ultimate Load-Carrying Capacity". New Series No 28, Publication 71:3, 230 pp., Second Ed 1972, 230 pp. PhD thesis. Chalmers University of Technology, 1971.
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- [15] Ingvar H. E. Nilsson. "Reinforced Concrete Corners and Joints Subjected to Bending Moment: Design of Corners and Joints in Frame Structures". New Series No 90. Also published as Document 1973:7 by the National Swedish Building Research and as Publication 73:6 by the Division of Concrete Structures, 249 pp. PhD thesis. Chalmers University of Technology, 1973.
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- [17] Arne Cajdert. "Laterally Loaded Masonry Walls". New Series No 346, No 865, Publication 80:5, 283 pp. PhD thesis. Chalmers University of Technology, 1980.
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- [39] Anette Jansson. "Effects of Steel Fibres on Cracking in Reinforced Concrete". Ny serie nr 3233, 50 pp. PhD thesis. Chalmers University of Technology, 2011.
- [40] Hendrik Schlune. "Safety Evaluation of Concrete Structures with Nonlinear Analysis". Ny serie nr 3232, 45 pp. PhD thesis. Chalmers University of Technology, 2011.
- [41] Ulrika Nyström. "Modelling of Concrete Structures Subjected to Blast and Fragment Loading". New Series No 3486, 83 pp. + papers. PhD thesis. Chalmers University of Technology, 2013.
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- [46] Jiangpeng Shu. "Structural Analysis Methods for Assessment of Reinforced Concrete Slabs". New Series No 4265, 54 pp. + papers. PhD thesis. Chalmers University of Technology, 2017.
- [47] Carlos Gil Berrocal. "Corrosion of Steel Bars in Fibre Reinforced Concrete: Corrosion mechanisms and structural performance". New Series No 4289, 69 pp. + papers. PhD thesis. Chalmers University of Technology, 2017.
- [48] Jonas Ekström. "Blast and Impact Loaded Concrete Structures: Numerical and Experimental Methodologies for Reinforced Plain and Fibre Concrete Structures". New Series No 4325, 30 pp. + papers. PhD thesis. Chalmers University of Technology, 2017.

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