1 Books

1.1 Textbooks and Monographs


1.2 Published Lecture Notes


1.3 Books Edited, with Chapters Contributed


2 State-of-Art Articles and Research Review Articles


3 Contributed Wikipedia Articles


4 Research Articles in Refereed Journals and Book Chapters

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5 Contributions to Wikipedia

1) Creep and shrinkage of concrete;
2) Size effect on structural strength;
3) Objective stress rates in finite strain inelasticity.

6 Selected Other Articles – Public Policy


7 Published Biographies and Volumes Dedicated to Bažant


A1’. Missing: Article about Bačvát’s Dr. h.c. from CTU Prague, 1991, in ASCE News.


A2’. Missing: Article about Bažant’s Dr.h.c., 1991, from Politecnico di Milano, in Italian Newspaper.


A3’. Editorial, “Prof. Bažant Visiting CTU (Czech Technical University) in Prague” (Professor Zdeněk P. Bažant opět na ČVUT v Praze), Pražská Technika 2003 (No. 2), 10–11.


A10. Ta-Peng Chang and Jenn-Chuan Chen (2007). Proc., Asian Special Workshop on Concrete Technology in Honor of the 70th Birthday of Prof. Zdeněk P. Bažant,” National Taiwan University of Science and Technology, Taipei, Nov. 2


A12’. Article about Bažant’s election to NAS in Northwestern University Observer, 2002.

A13. Sarah Ostman, “Concrete Results” (life story and achievements of Bažant), McCormick Magazine, Fall 2012.


A15. V. Krůtěk (2017). “Prof. Ing. Zdeněk P. Bažant, Ph.D., Dr. h.c., oslavil 80. narozeniny” (in Czech) (Prof. Bažant celebrated his 80-th birthday), Beton (Prague), No. 6 (Dec.), 85–87.

8 Research Articles in Conference Proceedings

......many.


held in Hanover, NH, Feb. 1991), ed. by D.S. Sodhi, ASCE, New York, 595–604.


P203. Bažant, Z.P., and Yu, Q. (2007). “Consequences of ignoring or mis-judging the size effect in concrete design codes and practice.” Proc., 3rd Structural Engineers World Congress, Bangalore, India, Nov. (a slightly expanded version was published, with authorization, as article 473).


“Recent progress in energetic probabilistic scaling laws for quasi-brittle fracture.” Proc., IUTAM Symp. on Scaling in Solid Mechanics (held at the University of Cardiff, UK, June), Springer, pp. 135–143.


“How to enforce non-negative energy dissipation in microplane and other constitutive models of softening damage, plasticity and friction.” Computational Modeling of Concrete structures (EURO-C Conf., Schladming/Rohrmoos, Austria). N. Bićanić et al., eds., Taylor & Francis, London, pp. 87–91.

“Statistical aspects of quasibrittle size effect and lifetime, with consequences for safety and durability of large structures.” in Fracture Mechanics of Concrete and Concrete Structures—Recent Advances in Fracture Mechanics of Concrete (Proc., FraMCos-7, 7th Int. Conf. held in Jeju, Korea, plenary lecture), B.-H. Oh, ed., publ. by Korea Concrete Institute, Seoul, pp. 1–8.

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“Misconception on variability of fracture energy, its uniaxial definition by work of fracture, and its presumed dependence on crack length and specimen size.” ibid., pp. 29–37.


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“Stochastic lattice simulations of flexural failure in concrete beams.” Proc., 8th Int. Conf. on Fracture Mechanics of Concrete and Concrete Structures (FractMCos-8, held in Toledo), J.G.M. van Mier et al., eds., publ. by CIMNE, Barcelona, pp. 1–12.


“Interaction of concrete creep, shrinkage and swelling with water, hydration and damage: Nanomechano-chemo.” Proc., CONCREEP-10 (10th Int. Conf. on Mechanics and Physics of Creep, Shrinkage and Durability of Concrete and Concrete Structures, held in Vienna, Austria, Sept.), publ. by ASCE, Washington, D.C., pp. 1–10 (plenary lecture).


Discussions and Rebuttals in Journals

Over 70 items