PUBLICATIONS OF ZDENĚK P. BAŽANT

May 3, 2017

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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*J. of Engineering Mechanics ASCE* 142 (10); pp. 04016108-1–04016108-10; DOI: 10.1061/(ASCE)EM.1943-7889.0001186.

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*Europhysics News* 48 (1), 18–23.


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


*Current Events (Údálosti)*, Techn. University Brno (VUT v Brně), 10 (1), 10–11.


*J. of Applied Mechanics ASME* 73 (March), 181–182.

7 Published Biographies and Volumes Dedicated to Bažant


A10. Ta-Peng Chang and Jenn-Chuan Chern (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


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


8 Research Articles in Conference Proceedings

...many.


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).


