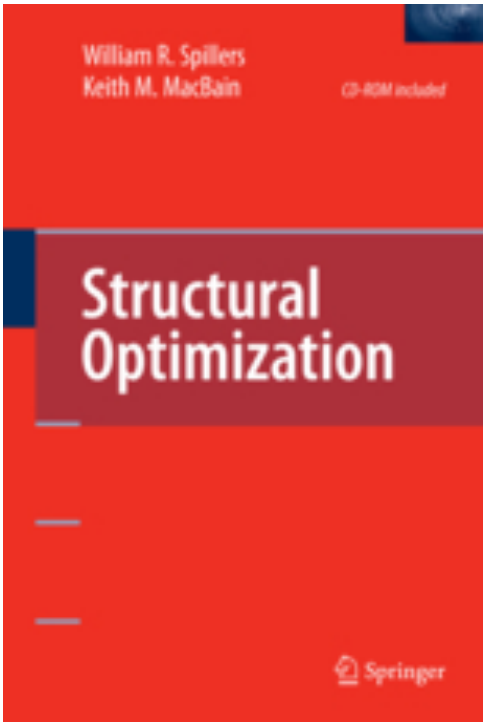

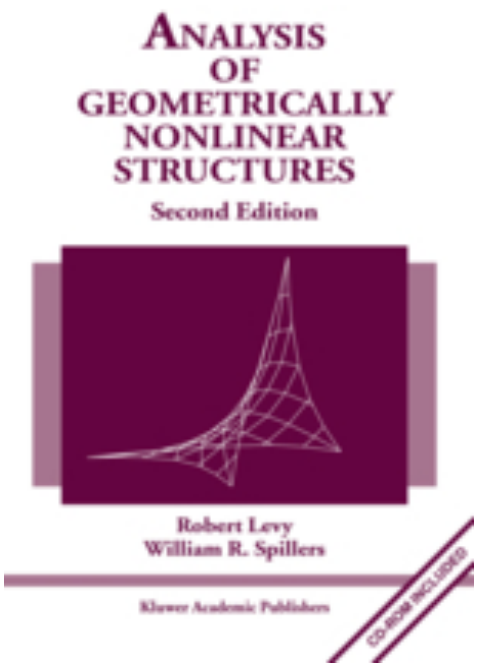

Professor William R. Spillers (?-2010)

See:
https://obits.nj.com/obituaries/starledger/obituary.aspx?pid=142186875
https://www.researchgate.net/scientific-contributions/2039292201_William_R_Spillers

Department of Civil and Environmental Engineering, New Jersey Institute of Technology
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From his obituary:

Born in Fresno, Calif., Bill had a 49-year career as distinguished professor of civil engineering at Columbia University (New York, N.Y.), Rensselaer Polytechnic Institute (Troy, N.Y.), and most recently New Jersey Institute of Technology (Newark, N.J.), where he was department chairman from 1990 to 1998. He was a structural engineer with an international reputation in areas of computer applications to structures, design theory and fabric structures. He had written extensively in these areas, with well over 120 published articles and nine books, including the first edition of "Introduction to Structures." He was a Guggenheim Fellow in 1968 and NSF Fellow in 1975.

Selected publications:

Books:

Levy R. and Spillers WR (2003) Analysis of geometrically nonlinear structures 2nd edn., Kluwer Academic, Dordrecht, The Netherlands, (ISBN 0-4020-1654-9), XVI+272 pages. Also see: R. Levy and W. R. Spillers, Analysis of Geometrically Nonlinear Structures (Springer Science & Business Media, 2013).
Spillers, William R. and MacBain, Keith M, Structural Optimization, Springer, 2009, 304 pages

Journal Articles, etc.:

Spillers, W. R., A Laminated Thin Cylindrical Shell Under Axisymmetric Static Loading, ONR, Techn. Rept. No. 39, April 1967.

Levy, R. and Spillers, W.R., "Optimal Design for Axisymmetric Cylindrical Shell Buckling", ASCE Journal of Engineering Mechanics, Vol. 115, No. 8, pp. 1683-1690, Aug. 1989.
Spillers W.R., Levy R.: Optimal design for plate buckling. J. Struct. Eng. 116(3), 850–858 (1990)
W.R. Spillers, M. Schlogel, D. Pilla, A simple membrane finite element, Comput. Struct. 45 (1) (1992) 181–183.
W.R. Spillers, A. Saadeghvaziri and A. Luke (1993). An example of three-dimensional frame buckling. Computers and Structures, 47, 483–486.