- Olhoff, N. 1976: A survey of optimal design of vibrating structural elements. *Shock and Vibr. Digest*, 8, 8, 3-10, 8, 9, 3-10
- Prager, W.; Rozvany, G.I.N. 1977: Optimization of the structural geometry. In: Bednarek, A.R.; Cesari, L. (eds.): *Dynamical Systems*, pp. 265-293. New York: Academic Press
- Prager, W.; Shield, R.T. 1967: A general theory of optimal plastic design. *J. Appl. Mech.* 34, 184-186
- Prager, W.; Taylor, J.E. 1968: Problems of optimal structural design. *J. Appl. Mech.* 35, 102-106
- Rozvany, G.I.N. 1989: *Structural design via optimality criteria*. Dordrecht: Kluwer
- Rozvany, G.I.N.; Zhou, M. 1991a: The COC algorithm, part I: cross-section optimization or sizing. *Comp. Meth. Appl. Mech. Engrg.* 89, 281-308
- Rozvany, G.I.N.; Zhou, M. 1991b: A note on truss design for stress and displacement constraints by optimality criteria methods. *Struct. Optim.* 3, 45-50
- Schmit, L.A. 1960: Structural design by systematic synthesis. *Proc. 2nd Conf. Electronic Comp.*, pp. 105-122. New York: ASCE
- Schmit, L.A.; Farshi, B. 1974: Some approximation concepts for structural synthesis. *AIAA J.* 12, 692-699
- Schmit, L.A.; Miura, H. 1976: Approximation concepts for efficient structural synthesis. *NASA CR-2552*
- Shield, R.T.; Prager, W. 1970: Optimum structural design for given deflection. *Zeit. ang. Math. Phys.* 21, 513-523
- Sobieszcanski-Sobieski, J.; James, B.B.; Dovi, A.R. 1983: Structural optimization by multi-level decomposition. *Proc. AIAA/ASME/ASCE/AHS 24th Structures, Structural Dynamics and Material Conf.* (held in Lake Tahoe, Nevada). AIAA Paper No. 83-0832-CP
- Sobieszcanski-Sobieski, J.; James, B.B.; Riley, F. 1985: Structural optimization by generalized multi-level optimization. *Proc. AIAA/ASME/ASCE/AHS 26th Structures, Structural Dynamics and Material Conf.* (held in Orlando, Fl.). AIAA Paper No. 85-0697-CP
- Starnes, J.H.; Haftka, R.T. 1979: Preliminary design of composite wings for buckling stress and displacement constraints. *J. Aircraft* 6, 564-470
- Vanderplaats, G.N.; Salajegheh, E. 1988: An efficient approximation technique for frequency constraints in frame optimization. *Int. J. Num. Meth. Engrg.* 26, 1057-1069
- Vanderplaats, G.N.; Salajegheh, E. 1989: A new approximation method for stress constraints in structural synthesis. *AIAA J.* 27, 352-358
- Venkayya, V.B.; Khot, S.; Berke, L. 1973: Application of optimality criteria approaches on automated design of large practical structures. *2nd Symp. Struct. Optim.* (held in Milano, Italy), pp. 3.1-3.19, AGARD CP-123
- Zhou, M. 1989: Geometrical optimization of trusses by A two-level approximation concept. *Struct. Optim.* 1, 235-240
- Zhou, M. 1992: *A new discretized optimality criteria method in structural optimization*. Doctoral Dissertation, Essen University, FB 18/115, Düsseldorf: VDI Verlag
- Zhou, M.; Rozvany, G.I.N. 1991: The COC algorithm, part II: topological, geometrical and generalized shape optimization. *Comp. Meth. Appl. Mech. Engrg.* 89, 309-336
- Zhou, M., Xia, R.W. 1990: Two-level approximation concept in structural synthesis. *Int. J. Num. Meth. Engrg.* 29, 1681-1699

Received April 10, 1992

Errata

Struct. Optim. 4, No. 3-4, Svanberg, K.: "A new approximation of the constraints in truss sizing problems: an explicit second order approximation which is exact for statically determinate truss structures."

p. 170: First and sixth references, publisher of the *Proceedings of the NATO ASI "Optimization of large structural systems"* is Kluwer Academic Publishers, Dordrecht

p. 171: Last equation, the last term in the denominator should read $x_4x_1x_2$ instead of x_4x_1x .

Third line from the bottom, 75 % should read 0.75 %

Last line, 1.99998 should read 0.99998