

REFERENCIA BIBLIOGRÁFICA.

Bazant, Z. P., & Cedolin, L. (2010). Stability of structures: elastic, inelastic, fracture and damage theories. World Scientific.

Bi, Q., & Dai, H. H. (2000). Analysis of non-linear dynamics and bifurcations of a shallow arch subjected to periodic excitation with internal resonance. *Journal of sound and vibration*, 233(4), 553-567.

Blair, K. B., Krousgrill, C. M., & Farris, T. N. (1996). Non-linear dynamic response of shallow arches to harmonic forcing. *Journal of sound and vibration*, 194(3), 353-367.

Bradford, M. A. (2006). In-plane nonlinear behaviour of circular pinned arches with elastic restraints under thermal loading. *International journal of structural stability and dynamics*, 6(02), 163-177.

Bradford, M. A., Wang, T., Pi, Y. L., & Gilbert, R. I. (2007). In-plane stability of parabolic arches with horizontal spring supports. I: Theory. *Journal of Structural Engineering*, 133(8), 1130-1137.

Bradford, M. A., PI, Y., & Gilbert, R. I. (2004). Nonlinear analysis of shallow, pinned, parabolic arches. In *Proc., 17th ASCE Engineering Mechanics Conf* (pp. 1-8).

Breslavsky, I., Avramov, K. V., Mikhlin, Y., & Kochurov, R. (2008). Nonlinear modes of snap-through motions of a shallow arch. *Journal of Sound and Vibration*, 311(1), 297-313.

Brush, D. O., & Almroth, B. O. (1975). *Buckling of bars, plates, and shells* (Vol. 6, No. 6). New York: McGraw-Hill.

Cai, J., & Feng, J. (2010). Buckling of parabolic shallow arches when support stiffens under compression. *Mechanics Research Communications*, 37(5), 467-471.

De Andrade, S. L., Galgoul, N. S., & De Campos, C. D. (2013). Comissão especial de avaliação do Engenhão, Prefeitura de Rio de Janeiro, Brasil, (Laudo Final). Disponível em: <http://www.rio.rj.gov.br/dlstatic/10112/4150419/4100267/Comissao.Especial.de.Avaliacao.do.Engenhao..LaudoFinal.pdf>

Del Prado, Z. J. G., (2001). *Acoplamento e Interação Modal na Instabilidade Dinâmica de Cascas Cilíndricas* (Doctoral dissertation, Tese de Doutorado).

Filipich, C. P., Carnicer, R., Cortinez, V. H., & Laura, P. A. A. (1987). In-plane vibrations of a circumferential arch elastically restrained against rotation at one end and with an intermediate support. *Applied Acoustics*, 22(4), 261-270.

Huang, C. S., Tseng, Y. P., Leissa, A. W., & Nieh, K. Y. (1998). An exact solution for in-plane vibrations of an arch having variable curvature and cross section. *International journal of mechanical sciences*, 40(11), 1159-1173.

La Poutre, D. (2001). Stability of steel arches.

Lederman, G., You, Z., & Glišić, B. (2014). A novel deployable tied arch bridge. *Engineering Structures*, 70, 1-10.

Lee, B. K., & Wilson, J. F. (1990). Free vibrations of arches with variable curvature. *Journal of Sound and Vibration*, 136(1), 75-89.

Levy, M. (2002). Why buildings fall down: How structures fail. WW Norton & Company.

Malm, R., & Andersson, A. (2006). Field testing and simulation of dynamic properties of a tied arch railway bridge. *Engineering structures*, 28(1), 143-152.

Nayfeh, A. H., & Balachandran, B. (1995). Applied nonlinear dynamics: analytical, computational, and experimental methods.

Oh, S. J., Lee, B. K., & Lee, I. W. (2000). Free vibrations of non-circular arches with non-uniform cross-section. *International Journal of Solids and Structures*, 37(36), 4871-4891.

Orlando, D. (2010). *Dinâmica Não-Linear, Instabilidade e Controle de Sistemas Estruturais com Interação Modal* (Doctoral dissertation, Tese de Doutorado).

Pi, Y. L., Bradford, M. A., & Tin-Loi, F. (2007). Nonlinear analysis and buckling of elastically supported circular shallow arches. *International Journal of Solids and Structures*, 44(7), 2401-2425.

Pi, Y. L., & Bradford, M. A. (2010a). Nonlinear in-plane elastic buckling of shallow circular arches under uniform radial and thermal loading. *International Journal of Mechanical Sciences*, 52(1), 75-88.

Pi, Y. L., & Bradford, M. A. (2010b). Effects of prebuckling analyses on determining buckling loads of pin-ended circular arches. *Mechanics Research Communications*, 37(6), 545-553.

Pi, Y. L., & Trahair, N. S. (1999). In-plane buckling and design of steel arches. *Journal of Structural Engineering*, 125(11), 1291-1298.

Plaut, R. H., & Hsieh, J. C. (1985). Oscillations and instability of a shallow-arch under two-frequency excitation. *Journal of Sound and Vibration*, 102(2), 189-201.

Reis, António, and Dinar Camotim. *Estabilidade estrutural*. 2001.

Savi, M. A. (2006). *Dinâmica não-linear e caos*. Editora E-papers.

Thompson, J. M. T., & Stewart, H. B. (1993). Nonlinear dynamics and chaos, 1986. *Whiley, New York*.

Timoshenko, S. P., Gere, J. M., & Prager, W. (1962). Theory of elastic stability. *Journal of Applied Mechanics*, 29, 220.

Timoshenko, S. P., Goodier, J. N., & Abramson, H. N. (1970). Theory of elasticity. *Journal of Applied Mechanics*, 37, 888.

Wang, T., Bradford, M. A., Gilbert, R. I., & Pi, Y. L. (2007). In-plane stability of parabolic arches with horizontal spring supports. II: Experiments. *Journal of Structural Engineering*, 133(8), 1138-1145.

Wasserman, Y. "The influence of the behaviour of the load on the frequencies and critical loads of arches with flexibly supported ends." *Journal of Sound and Vibration* 54, no. 4 (1977): 515-526.