

9 Referências Bibliográficas

ALDAWOD, M., SAMALI, B., NAGHDY, F., KWOK, K.C.S. 2001. **Active Control of Along Wind Response of Tall Building Using a Fuzzy Controller.** Engineering Structures, Vol. 23, pp. 1512-1522.

ANDRADE, E.Q., 1993, **Instabilidade e Vibrações de Colunas Esbeltas sobre Base Elástica.** 149 f. Dissertação de Mestrado – PUC-Rio, Rio de Janeiro.

AVILA, S.M.B., 2002, **Controle Híbrido para Atenuação de Vibrações em Edifícios.** 229 f. Tese de Doutorado – PUC-Rio, Rio de Janeiro.

AVILA, S.M., BRITO, J.L.V., BRASILIANO, A., PERRONI, J.C.B., 2005, **Análise Dinâmica Numérica e Experimental de um Modelo Reduzido Utilizando um Amortecedor de Massa Sintonizado.** XXVI Iberian Latin-American Congress on Computational Methods in Engineering. Guarapari, Espirito Santo.

AUCIELLO, N.K., 1996. **Transverse Vibrations of a Linearly Tapered Cantilever Beam with Tip Mass of Rotatory Inertia and Eccentricity.** Journal of Vibration and Acoustics, Vol. 194, n. 1, pp. 25-34.

BLEVINS, R.D., 1979, **Formulas for Natural Frequency and Mode Shape.** New York: Litton Educational Publishing.

BORGES, R.A., MARQUES, R.F.A., JUNIOR, V.S., 2005, **Estudo de um Absorvedor Dinâmico de Vibração Não-Linear.** XXVI Iberian Latin-American Congress on Computational Methods in Engineering. Guarapari, Espirito Santo.

CARLSON, J.D., JOLLY, M.R., 2000. **MR Fluid, Foam and Elastomer Devices**. *Mechatronics*, Vol. 10, pp. 555-569.

COLLETTE, F.S., 1998. **A Combined Tuned Absorber and Pendulum Impact Damper Under Random Excitation**. *Journal of Sounds and Vibration*, Vol. 216, n. 2, pp. 199-213.

CUVALCI, O., 2000. **The Effect of Detuning Parameters on the Absorption Region for a Coupled System: a Numerical and Experimental Study**. *Journal of Sounds and Vibration*, Vol. 229, n. 4, pp. 837-857.

CUVALCI, O., ERTAS, A., 1996. **Pendulum as Vibration Absorber for Flexible Structures: Experiments and Theory**. *Journal of Vibration and Acoustics*, Vol. 118, n. 4, pp. 558-566.

DE ROSA, M.A., MAURIZI, M.J., 2005, **Damping in Exact Analysis of Tapered Beams**. *Journal of Sound and Vibration*, Vol. 286, pp. 1041-1047.

DEL PRADO, Z.J.G.N., 2001, **Acoplamento e Interação Modal na Instabilidade Dinâmica de Cascas Cilíndricas**. Tese de Doutorado – PUC-Rio, Rio de Janeiro.

DEN HARTOG, J.P., 1956, **Mechanical Vibrations**. New York: McGraw-Hill.

DWIVEDY, S.K., KAR, R.C., 1999. **Dynamics of a Slender Beam with an Attached Mass Under Combination Parametric and Internal Resonances Part I: Steady State Response**. *Journal of Vibration and Acoustics*, Vol. 221, n. 5, pp. 823-848.

DYM, C.L., SHAMES, I.H., 1973, **Solid Mechanics - A Variational Approach**. McGraw-Hill – Kogakusha, Ltd, Tokyo.

ELISHAKOFF, I., JOHNSON, V., 2005. **Apparently the First Closed-Form Solution of Vibrating Inhomogeneous Beam with a Tip Mass.** Journal of Vibration and Acoustics, Vol. 286, n. 5, pp. 1057-1066.

ERTAS, A., CUVALCI, O., EKWARO-OSIRE, S., 2000. **Performance of Pendulum Absorber for a Non-Linear System of Varying Orientation.** Journal of Sound and Vibration, Vol. 229, n. 4, pp. 913-933.

FRANCHEK, M.A., RYAN, M.W., BERNHARD, R.J., 1995, **Adaptive Passive Vibration Control.** Journal of Sound and Vibration, Vol. 189, pp. 565-585.

FILIPOVIC, D., SCHRODER, D., 1998. **Bandpass Vibration Absorber.** Journal of Sound and Vibration, Vol. 214, n. 3, pp. 553-566.

HADI, M.N.S., ARFIADI, Y., 1998. **Optimum Design of Absorber for MDOF Structures.** Journal of Structural Engineering, Vol. 124, n. 11, pp. 1272-1280.

JALILI, N., OLGAC, N., 1999. **Multiple Delayed Resonator Vibration Absorbers for Multi-degree-of-freedom Mechanical Structures.** Journal of Sound and Vibration, Vol. 223, n. 4, pp. 567-585.

KORENEV, B.G.; REZNIKOV, L.M., 1993, **Dynamic Vibration Absorbers – Theory and Technical Applications.** Chichester: John Wiley & Sons.

LI, Q., CAO, H., LI, G., 1994. **Analysis of Free Vibrations of Tall Buildings.** Journal of Engineering Mechanics, Vol. 120, n. 9. pp. 1861-1876.

LI, Q.S., FANG, J.Q., JEARY, A.P., 2000. **Free Vibration Analysis of Cantilevered Tall Structures Under Various Axial Loads.** Engineering Structures, Vol. 22, pp. 525-534.

LIU, K., LIU, J., 2005. **The Damped Dynamic Vibration Absorbers: Revisited and New Result.** Journal of Sound and Vibration, Vol. 284, pp. 1181-1189.

LOW, K.H., 1998, **On the Eigenfrequencies for Mass Loaded Beams Under Classical Boundary Conditions**. Journal of Sound and Vibration, Vol. 215, pp. 381-389.

MAGLUTA, C., 1993, **Sistemas Dinâmicos Passivos para Absorção de Vibrações estruturais**. Tese de Doutorado – COPPE/UFRJ, Rio de Janeiro.

MARQUES, R.F.A., 2000, **Estudo Teórico e Numérico de Absorvedores Dinâmicos de Vibrações Ativos e Adaptativas**. Dissertação de Mestrado – UFU, Uberlândia, MG.

MEI, C., MACE, B.R., JONES, R.W., 2001. **Hybrid Wave/Mode Active Vibration Control**. Journal of Sound and Vibration, Vol. 247, n. 5, pp. 765-784.

MEIROVITCH, L., 1975, **Elements of Vibration Analysis**. New York: McGraw-Hill.

MURTAGH, P.J., BASU, B., BRODERICK, B.M., 2004. **Simple Models for Natural Frequencies and Mode Shapes of Towers Supporting Utilities**. Computers & Structures, Vol. 82, pp. 1745-1750.

MUSTAFA, G., ERTAS, A., 1995. **Dynamics and Bifurcations of a Coupled Column-Pendulum Oscillator**. Journal of Sound and Vibration, Vol. 182, n. 3, pp. 393-413.

NAGARAJAIAH, S., VARADARAJAN, N., 2005. **Short time Fourier Transform Algorithm for Wind Response Control of Buildings with Variable Stiffness TMD**. Engineering Structures, Vol. 27, pp. 431-441.

NÁPRSTEK, J., PIRNER, M., 2002. **Non-Linear Behaviour and Dynamic Stability of a Vibration Spherical Absorber**. 15th ASCE Engineering Mechanics Conference, Columbia University, New York.

OUENI, S.S., NAYFEH, A.H., PRATT, J.R., 1999. **Review of Development and Implementation of Active Non-Linear Vibration Absorber**. Archive of Applied Mechanics, Vol. 69, pp. 585-620.

ÖZKAYA, E., 2002. **Non-Linear Transverse Vibrations of a Supported Beam Carrying Concentrated Masses**. Journal of Vibration and Acoustics, Vol. 257, n. 3, pp. 413-424.

PIRNER, M., 2002. **Actual Behaviour of Ball Vibration Absorber**. Journal of Wind Engineering and Industrial Aerodynamics, Vol. 90, pp. 587-1005.

PINHEIRO, M.A.S., 1997, **Absorção Pendular Não-Linear para Redução de Vibrações em Torres Esbeltas**. 116 p. Dissertação de Mestrado – COPPE/UFRJ, Rio de Janeiro.

PINHEIRO, M.A.S., 2004, **Vibrações Aeroelásticas em Torres Esbeltas**. 160 p. Tese de Doutorado – COPPE/UFRJ, Rio de Janeiro.

PINTO, O.C., 1997, **Controle das Vibrações Não-Lineares de Estruturas Flexíveis**. Proposta de Tese de Doutorado – PUC-Rio, Rio de Janeiro.

PINTO, O.C., 1999, **Controle Não-Linear de Vibrações de Estruturas Flexíveis**. Tese de Doutorado – PUC-Rio, Rio de Janeiro.

ROEHL, J.L.P., Dinâmica das Estruturas, Volume I – **Análise no Tempo**. Departamento de Engenharia Civil – PUC-Rio, Rio de Janeiro.

SAKAMOTO, M., KOBORI, T., 1995. **Research, Development and Practical Applications on Structural Response Control Buildings**. Smart Materials & Structures, Vol. 4, pp. A58-A74.

SAMPAIO, A.E.G., 2004, **Análise do Comportamento Dinâmico de Colunas Semi-Enterradas**. 121 f. Dissertação de Mestrado – PUC-Rio, Rio de Janeiro.

SEREBRENICK, G., 2004, **Análise da Estabilidade de Colunas Esbeltas Parcialmente Enterradas em uma Fundação Elástica Não-Linear**. 115 f. Dissertação de Mestrado –PUC-Rio, Rio de Janeiro.

SOONG, T.T.; DARGUSH, G.F., 1997, **Passive Energy Dissipation Systems in Structural Engineering**. Chichester: John Wiley & Sons.

SPENCER, JR., SAIN, M.K., 1997. **Controlling Buildings: a New Frontier in Feedback**. Special Issue of the IEEE Control Systems Magazine on Emerging Technology, Vol. 17, n. 6, pp. 19-35.

TECHET, A.H., 2005, Separated Viscous Flows & Vortex Induced Vibrations. Disponível em: < web.mit.edu/2.016/www/handouts/VIV-2005_revb.pdf > Acesso em: 22 maio 2006.

TIMOSHENKO, S.P.; GERE, J.M., 1961, **Theory of Elastic Stability**. New York: Mc-Graw-Hill.

USCIIOWSKA, A., KOLODZIEJ, J.A., 1998. **Free Vibration of Immersed Column Carrying a Tip Mass**. Journal of Vibration and Acoustics, Vol. 120, n. 1, pp. 147-157.

VEPRIK, A.M., BABITSKY, V.I., 2001. **Non-Linear Correction of Vibration Protection System Containing Tuned Dynamic Absorber**. Journal of Sounds and Vibration, Vol. 239, n. 2, pp. 335-356.

VYAS, A., BAJAJ, A.K., 2001. **Dynamic of Autoparametric Vibration Absorbers Using Multiple Pendulums**. Journal of Sound and Vibration, Vol. 246, n. 1, pp. 115-135.

WILLIAMS, K.A., CHIU, G.T.C., BERNHARD, R.J., 2002. **Adaptive-Passive Absorbers Using Shape-Memory Alloys**. Journal of Sound and Vibration, Vol. 249, n. 5, pp. 835-848.

WILLIAMS, K.A., CHIU, G.T.C., BERNHARD, R.J., 2005. **Nonlinear Control of a Shape Memory Alloys Adaptive Tuned Vibration Absorber.** Journal of Sound and Vibration, Vol. 288, pp. 1131-1155.

WINTHROP, M.F., BAKER, W.P., COBB, R.G., 2005. **A Variable Stiffness Device Selection and Design Tool for Lightly Damped Structures.** Journal of Sound and Vibration, Vol. 287, pp. 667-682.

WU, J.S., CHEN, C.T., 2005. **An Exact Solution for the Natural Frequencies and Mode Shape of an Immersed Elastically Restrained Wedge Beam Carrying an Eccentric Tip Mass with Mass Moment of Inertia.** Journal of Sound and Vibration, Vol. 286, pp. 549-568.

YAMAN, M., SEN, S., 2004. **The Analysis of the Orientation effect of Non-Linear Flexible Systems on Performance of the Pendulum.** International Journal of Non-Linear Mechanics, Vol. 39, pp. 741-752.

YAN, N., WANG, C.M., BALENDRA, T., 1998, **Composite Mass Dampers for Vibration Control of Wind-Excited Towers.** Journal of Sound and Vibration, Vol. 213, pp. 301-316.