

REFÊRENCIAS BIBLIOGRÁFICAS.

ALHAN. C, ALTUN. M. **Performance of non-linear base isolation systems according to uniform building code.** International Advanced Technologies Symposium (IATS'09), 2009, p. 13-15,. Karabuk, Turkey.

ALLOTTA, B.; PUGI,L.; BARTOLINI, F. Design and Simulation of Magneto-Rheological Dampers for Railway Applications, http://www.dipmat.univpm.it/aimeta2009/Atti%20Congresso/MECCANICA_MA_CCHINE/Pugi_paper06.pdf, 2010.

BHARTI, S.D.; DUMNE, S.M.; SHRIMALI, M.K. **Seismic response analysis of adjacent building connected with MR dampers,** Engineering Structures. Volume 32, Issue 8, 2010, p. 2122-2133.

BLANDÓN, R. N.A. **Dissipação de Energia Sísmica em Estruturas de Edifícios.** Tese – Universidade Federal de Rio de Janeiro, COPPE. 2003 p. 7-16.

BOUC R. **Forced vibration of mechanical sysstems with hysteresis.** In Proceedings of the Fourth Conference on Nonlinear Oscilation. Prague, Czechoslovakia, 1967, p. 315,.

BOUC R. **Modèle mathématique d'hystérésis.** Acustica, 24, 1971, p. 16-25.

BOADA, M.J.L.; CALVO, J.A.; BOADA, B.L.; DÍAZ. V. **Modeling of a magnetorheological damper by recursive lazy learning.** International Journal of Non-Linear Mechanics, Volume 46, Issue 3, 2011, p. 479-845.

CARLSON, J. D.; SPROSTON J. L. **Controllable fluids in 2000-status of ER and MR fluid technology,** Actuator 2000, 7th Int. Conf. on New Actuator (Bremen, Germany), 2000, p 126–3.

CARLSON, J. D. **What Makes a Good MR Fluid;** 8th International Conference on Electrorheological (ER) Fluids and Magneto-Rheological (MR) Suspensions, Nice, July 9-13, 2001.

CENTER FOR ENGINEERING STRONG MOTION DATA.
<http://www.strongmotioncenter.org> Acessada em 01/2012)

DINU B. **Nonlinear effects in seismic base isolations.** WSEAS Transactions on Applied and Theoretical Mechanics. Issue 4, volume 3 April 2008.

DOMINGUEZ, A.; SEDAGHATI, R.; STIHARU, I. **Modelling the hysteresis phenomenon of magnetorheological dampers.** Smart Mater. Struct. 13 (2004) 1351-1361.

EDUCACAO.UOL.COM. <http://educacao.uol.com.br/geografia/terremoto-2.jhtm>, Página acessada em 07/01/12).

GUERREIRO, L. **Isolamento Sísmico de Estruturas – Análise do Panorama Actual,** 6º Congresso Nacional de Sismologia e Engenharia Sísmica (Sísmica 2004), 2004, p.885/894, Guimarães, Portugal,.

GUERREIRO, L. – **Isolamento de Base – Uma nova tecnologia de protecção sísmica,** Seminário na Ordem dos Engenheiros, Lisboa, Portugal, 2006.

GIOVANNI, I.K. Estruturas inteligentes: fluido magneto reológico. 13º POSMEC. FEME/UFU, Urberlândia-MG, 2003.

HANKS, T. C.; KANAMORI, H. **A moment magnitude scale.** Journal of Geophysical Research 84 (B5): 1979. 2348–2350. DOI:10.1029/JB084iB05p02348.

INOUE, N.; WATAKABE, M.; MIYAMA, K.; NISHIMURA, H. **Semi-active Control of Base Isolation System with Magneto-rheological Fluid Damper.** <http://www.pwri.go.jp/eng/ujnr/joint/37/paper/34inoue.pdf>

JURJO, B.R D.L (2007). **Desenvolvimento De Um Sistema De Visão Computacional para a Medição de Deslocamentos em Estruturas.** Tese de Doutorado em Engenharia Civil, Universidade Federal do Rio de Janeiro, COPPE, 2007, p. 196.

KANNO, H.; HORI, N.; INOUE, N. **Semiactive control of seismic response based on story displacement using magnetorheological fluid damper.** The 14th World conference on Earthquake Engineering, 2008, Beijing, China.

KIM, Y.; LANGARI, R.; HURLEBAUS, S. **Semiactive nonlinear control of a building with a magnetorheological damper system.** Mechanical Systems and Signal Processing 23 (2009), p. 300-315.

LIU M.; CORMAN D.G. **Formulation of rayleigh damping And its extensions.** Cmpurrrs & Smrrurrs Vol. 57. No. 2. DD. 277-285, 1995

NEWMARK, N., ROSENBLUETH, Fundamentals of Earthquake Engineering, Prentice-Hall Inc., Englewood Cliffs, 1971.

MEDINA J., MARICHAL M., MORALES S. **Desarrollo de dos modelos inversos de un amortiguador magneto-reológico para el control de vibraciones en estructuras civiles.** Boletín Técnico INME Volumen 46 N° 2. 2008)

MILECKI A. **Investigation and control of magneto-rheological fluid dampers,** Machine Tools & Manufacture 41,2001, p. 379-391.

OH, H-U.; ONODA, J. **An experimental study of a semiactive magneto-rheological fluid variable damper for vibration suppression of truss structures.** Smart Mater. Struct.11 (2002) 156-162.

PAZ, M. **Dinámica Estructural, Teoría y Cálculo,** EDITORIAL REVERTÉ, 1992, p. 220 – 222.

SPENCER B.F.JR. **Releability of Randomly Exited Hysteretic Structures,** Springer, Berlin, 1986.

SPENCER, B.F.JR., DYKE, S.J.; SAIN. M.K.; e CARLSON. J.D. **Phenomenological Model of a Magnetorheological Damper.** ASCE Journal of Engineering Mechanics, 123(3), 1996, 230-239.,

TORSTEM, B; STRYK V. O. **Modelling and Simulation of Rheological Fluid Devices.** Sonderforshungsberich 438; Technische Universität München, Universität Augsburg; Preprint SFB-438-9911, 1999.

WELCOME TO VIBRATIONDATA EL CENTRO EARTHQUAKE PAGE, (<http://www.vibrationdata.com/elcentro.htm>), acessada em, 5/10/2011.

WEN, Y.K.. **Method for random vibration of hysteretic systems.** JOURNAL OF ENGINEERING MECHANICS. ASCE. Vol. 102, No. 2. 1976, p. 249—263.

WIKIPEDIA.org,/Sismo, http://pt.wikipedia.org/wiki/Sismo#cite_note-SBGeofisica-0, Página acessada em 07/01/2012)

YANG, G.; SPENCER B.F.; CARLSON, JR. J.D.; SAIN, M.K. **Large-scale MR fluid dampers: modeling and dynamic performance consideration.** Engineering Structures 24 (2002) 309–323.

YOSHIOKA, H.; RAMALLO, J.; e SPENCER JR. “Smart” Base Isolation Strategies Employing Magnetorheological Dampers, Journal of Engineering Mechanics, ASCE, 128(5), 2002, p. 540-552,.

ZHOU, Q.; NIELSEN, S.R.K.; QU, W.L. **Semi-active control of tree-dimensional vibrations of an inclined sag cable with magnetorheological dampers,** Journal of Sound And Vibration, 126(1-2), 2006, p.1-22,.