Modern Lubrication Theory – Reading Assignments

Ordered by year of publication. Read important disclaimer at end

Selected Technical papers (reading assignments)

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Della Pietra, L., and Adiletta, G., 2002, "The Squeeze Film Damper over Four Decades of Investigations. Part I: Characteristics and Operating Features," Shock and Vibration Digest, Vol. 34, No. 1, pp. 3-26.

Adiletta, G., and Della Pietra, L., 2002, "The Squeeze Film Damper over Four Decades of Investigations. Part II: Rootordynamic Analysis with Rigid and Flexible Rotors," Shock and Vibration Digest, Vol. 34, No. 2, pp. 97-126.

Diaz, S.E., and San Andrés, L., 2003, "Flow Visualization and Forces from a Squeeze Film Damper Operaing with Natural Air Entrainment," ASME Journal of Tribology, Vol. 125, pp. 325-333.

Tiwari, R., Lees, A.W., and Friswell, M.I., 2004, "Identification of Dynamic Bearing Parameters: A Review," The Shock and Vibration Digest, Vol. 36, No. 2, pp. 99-124.

Tiwari, R., Manikandan, S., and Dwivedy, S.K. , 2005, "A Review of the Experimental Estimation of the Dynamic Parameters of Seals," The Shock and Vibration Digest, Vol. 37, No. 4, pp. 261–284.

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