

References

- [1] **A.Burman**, B. V. Reddy. "Seismic Analysis of Concrete Gravity Dams Considering Foundation Flexibility and Nonlinearity. Department of Civil engineering, IIT Guwahati. Assam, India
- [2] Reddy B.V. 2005. "Seismic analysis of concrete gravity dams considering foundation flexibility". M.E Thesis. Department of Civil engineering, IIT Guwahati.
- [3] **Dimitris**, P, Dietz, M., Wood, D. M., Clouteau, D., & Modaressi, A. (2008). Numerical simulation of dynamic soil-structure interaction in shaking table testing. *Soil dynamics and earthquake Engineering*, 28, 453-467. <http://dx.doi.org/10.1016/j.soildyn.2007.07.011>
- [4] **Wolf J. P.** 1985. "Dynamic Soil-Structure Interaction", Prentice Hall: *Englewood Cliffs, NJ*.
- [5] Westergaard HM. Water pressures on dams during earthquakes. Transactions of the ASCE 1933; 98: 18–72.
- [6] **S.E. Moussaoui and B. Tiliouine**. Etude de l'effet de l'interaction dynamique sur le comportement sismique du barrage de l'Oued Fodda. In Colloque International sur la vulnérabilité, 11–12 Octobre 2003, Alger, Algérie, 2003.
- [7] **Yazdchi M., Khalili N., and Valliappan S.** 1999. "Dynamic soil–structure interaction analysis via coupled finite element–boundary-element method", *Soil Dynamics and Earthquake Engineering*, 18, 499–517.2888
- [8] **ANSYS.** (2007). ANSYS User's Manual, ANSYS Theory Manual. Version 11.0, 2007.
- [9] **Dreher, K. J.** 1981. Seismic analysis and design considerations for concrete dams, Proceedings of a Conference Held at the Institution of Civil Engineering, London, on 1-2 October 1980, Thomas Telford Limited.
- [10] **Djamel Ouzandja** (2012). Analyse de la réponse sismique des barrages-poids en béton compte tenu de la flexibilité de la fondation. In 1^{er} séminaire international sur les risques naturels et le génie civil, 5-6-7 novembre, Batna, Algérie.
- [11] **Antar K.** (2004), Prise en compte de l'interaction sol-structure dans la réponse des structures en béton armé, Mémoire de Magister, Département de Génie Civil, Université des sciences et Technologie Mohamed Boudiaf U.S.T.O.M.B, Oran (Algérie).
- [12] **Clough Ray w. & Penzien J.** (1993), Dynamics of structures, Mcgraw-Hill College.
- [13] **Djebouri Idir** ,(2004) : Etude des effets d'interaction dynamique sur un barrage poids en béton, Projet de fin d'études Ecole nationale polytechnique.
- [14] **Emilio Rosenblueth** (1980), Design of earthquake resistant structures, Design (BNB/PRECIS).
- [15] **Encyclopédie Larousse ; Larousse.fr (définition d'un barrage).**

- [16]**Grange S., Kotromis P. & Mazars J.** (2008), Modèle simplifié 3D de l'interaction sol-structure : application au génie parasismique, XXVI^{ème} rencontre universitaires de génie civil, Laboratoire 3S-R et structure Federative Vor, Université Grenoble (France).
- [17]**Kramer Steven L** (1996), Geotechnical earthquake engineering, Serie in Civil Engineering and Engineering Mechanics, University of Washington (USA).
- [18]**Kutanis M & Elmas M.** (2000), Non linear Seismic soil-structure interaction analysis based on the substructure method in the time domain, Turk J Engin Environ Sci, (617-626).
- [19]**Lefebvre D. Theroux S.** Interaction sol-structure pour le design de bâtiments sur fondations superficielles, soil Dynamics and Earthquake Engineering 24, (379-388).
- [20]**Oudjene M., Meghlat M. & Bouafia Y.** (2005), Influence de la catégorie de site sur le comportement sismique des structures rigide, 7^{ème} colloque national en calcul des structures.
- [21]**Shakib H. & Fuladgar A.** (2004), Dynamic soil-structure interaction effects on the seismic response of asymmetric buildings, Departement of Civil Engineering, Tarbiat Madarres University, Tahrans (Iran).
- [22]**Tahar Berrabah Amina.** (2007): Dynamic soil structure interaction – a case study in Algeria (brezina concrete arch dam), Thèse de magistère
Faculty of Graduate studies The University of Jordan.