

structure drift which can significantly modify the value of the allowable drift suggested in seismic design codes.

Designing structural engineer can make use of this procedure to evaluate his structure and determine the corresponding location of the fixed base; one can also check if the structure under consideration falls within the upper and lower limit of the soil-structure flexibility parameter suggested in this work. Finally, the step-by-step procedure and the flexibility parameter suggested by the authors can serve as a starting point from which the designing engineer would understand the behavior of his structure and check if it falls within the allowable flexibility limits in order to achieve a better design.

6. Acknowledgements

The authors thank Optimal Engineering Consulting and Contracting, (OECC) who sponsored the major part of this work, also special thanks to the Lebanese University, Faculty of Engineering, Branch II and to University Lille1 of Sciences & Technologies, Lille, France, for sponsoring part of this on-going research.

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Author Profile

Eng. Wassim J. Elias received his Masters from The Lebanese University, Faculty of Engineering, Branch II. He is currently working as a research engineer at Optimal Engineering Consulting & Contracting (OECC) and at the Université de Lille I, France and Ecole Doctoral des Sciences et de Technologie, Lebanese University.

Prof. Michel F. Khouri received his Ph.D. from The University of Michigan, Ann Arbor, in 1989. Since 1993, he is a professor of Civil Engineering at the Lebanese University, Faculty of Engineering, Branch II. Since 2011, he is serving as the Chairman of the Civil Engineering Department; he also served in the same position from 1997 till 2002 and from 2004 till 2008. He has written many articles in the area of Finite Element Analysis, Structural Dynamics and Shell Analysis.