

THE RESPONSE SPECTRUM

*A Technical Seminar on the Development and
Application of the Response Spectrum Method for
Seismic Design of Structures*

LECTURE # 3

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**NBCC 2005 Site Specific Response
Spectrum**

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Dr. Liam Finn served as Professor and Head of Civil Engineering, and Dean of Applied Science at the University of British Columbia in the period 1961 to 1998. From 1999 to 2005 he was Anabuki Professor of Geodynamics at Kagawa University in Japan and Consultant to the Anabuki Construction Company. Finn is Editor in Chief of the International Journal of Soil Dynamics and Earthquake Engineering; an Overseas Fellow of Churchill College, Cambridge, UK; Honorary Professor, Metallurgical Institute, Beijing and Honorary Fellow of the Chinese Soil Dynamics Society. He is also an Honorary Member of the Japanese Geotechnical Society. Finn has published over 350 papers in geotechnical earthquake engineering and was a pioneer in the development of nonlinear dynamic effective stress analysis and Lagrangian analysis for large flow deformations. He gave the Mallet-Milne Lecture on Earthquake Engineering in London, UK, in 2005. He has international consulting experience primarily on dams, dikes, offshore platforms and underwater pipelines. Finn is a member of the committee responsible for the seismic provisions of NBCC 2005