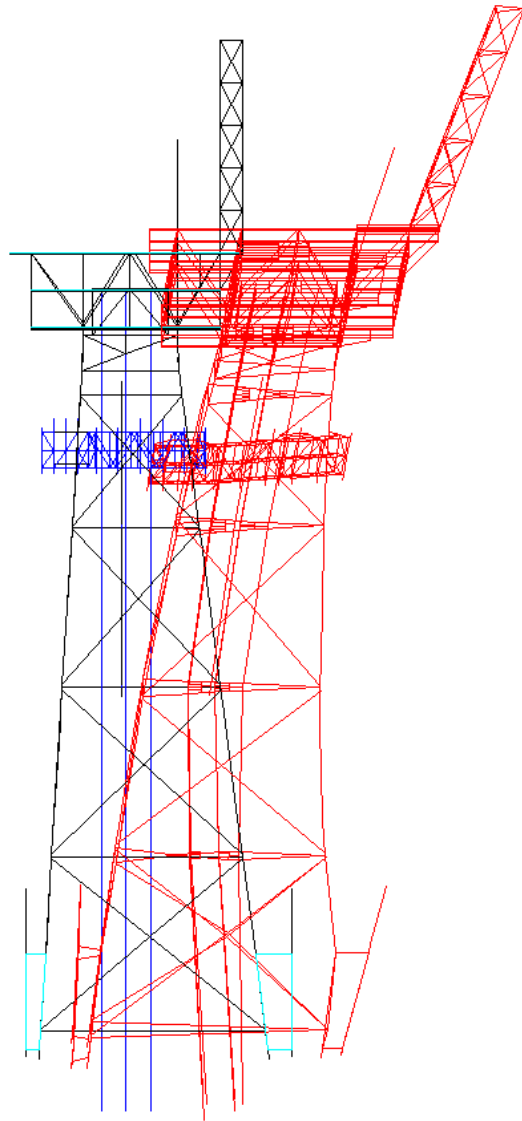


EARTHQUAKE ENGINEERING

TECON TEAM
DOCTORATE REFERENCES



Author:

Andrea Albagli

Thesis Coordinators:

Prof. M.Valente

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Graduated in:

Structural engineering

Politecnico di Milano, 2010

Thesis Title:

Simplified Method for Seismic Retrofitting of Structures by Shear Walls

Key Words:

Concrete; Retrofit; DDBD; pushover; shear walls

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Master Degree in:

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Istituto Universitario di Studi Superiori di Pavia, Università degli Studi di Pavia, 2013

Thesis Title:

Seismic Design of an Offshore Platform

Key Words:

Offshore; Steel Platform; Response Spectrum Analysis; Pushover; Displacement-Based Design

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Politecnico di Milano, 2002

Experimental thesis c/o Joint Research Centre, Ispra

Thesis Title:

Dynamic Behavior of a RC Building under Seismic Forces

Key Words:

Seismic; Earthquake; EC8; DBD; shear wall; numerical model of reinforced concrete building designed according to EC8 and DBD method

Author:

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Prof. P. Riva

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Graduated in:

Structural Engineering

Università degli Studi di Brescia, Italy - 2004

Thesis Title:

Structural Joint for Building Construction in Seismic Zone

Key Words:

Seismic joint vs. expansion joint; seismic interaction between building; joint FEM model in ABAQUS program; Earthquake Response of connected building (3D model in ABAQUS); Nonlinear Dynamic analyses

Author:

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Istituto Universitario di Studi Superiori di Pavia, Università degli Studi di Pavia, 2013

Thesis Title:

Seismic Design of a LNG Jetty Terminal

Key Words:

LNG Terminal; Jetty Structural Design; Seismic Design of Non-Structural Components; Seismic Isolation and Dissipation Devices; Non Linear Time History Analysis

Author:

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Politecnico di Milano, 2003

Thesis Title:

Dynamic Behavior of a Submerged Floating Tunnel under Seismic and Hydrodynamic Forces

Key Words:

Hydrodynamic, Seismic, Earthquake, drag, Morrison, floating, tunnel, FEM

Author:

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Thesis Coordinators:

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Graduated in:

Structural Engineering

Università degli Studi di Brescia, Italy, 2005

Thesis Title:

Shaker Measurements for Modal Testing

Key Words:

Vibrations; electrohydraulic shaker; data acquisition; transfer function; modal analysis; steel footbridge