

# Prof. ÖZGÜR KURÇ

## Personal Information

Email: kurc@metu.edu.tr

## Education Information

Doctorate, Georgia Institute Of Technology, United States Of America 1999 - 2005

Post Graduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1997 - 1999

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1993 - 1997

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, A Substructure Based Parallel Solution Framework for Solving Linear Structural Systems with Multiple Loading Conditions, Georgia Institute Of Technology, 2005

Post Graduate, A finite element based plate/shell macro element, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1999

## Research Areas

Structure

## Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2012 - Continues

## Advising Theses

SUCUOĞLU H., KURÇ Ö., A comparative study on nonlinear modeling of structural walls, Post Graduate, S.EREN(Student), 2018

KURÇ Ö., Experimental investigation of turbulent flow and wind comfort characteristics of fractal wind fences, Post Graduate, Ş.ÇOŞKUN(Student), 2017

KURÇ Ö., IMPLICIT MONOLITHIC PARALLEL SOLUTION ALGORITHM FOR SEISMIC ANALYSIS OF DAM-RESERVOIR SYSTEMS, Doctorate, S.ÖZMEN(Student), 2016

KURÇ Ö., A computer vision based method for semi-automated rebar detection and measurement of reinforced concrete columns, Post Graduate, M.USMAN(Student), 2014

KURÇ Ö., Design of a web based interface and database structure for structural engineering experiment data, Post Graduate, T.KURT(Student), 2014

KURÇ Ö., A METHODOLOGY FOR REAL-TIME SENSOR-BASED BLOCKAGE ASSESSMENT OF BUILDING STRUCTURES DURING EARTHQUAKES, Post Graduate, T.ERGİN(Student), 2013

KURÇ Ö., Implementation of coupled thermal and structural analysis methods for reinforced concrete structures, Post Graduate, U.ALBOSTAN(Student), 2013

POLAT M. U. , KURÇ Ö., Nonlinear analysis of reinforced concrete frame structures, Post Graduate, G.KORAY(Student), 2013

KURÇ Ö., Investigation of wind effects on tall buildings through wind tunnel testing, Post Graduate, B.KAYIŞOĞLU(Student), 2011

KURÇ Ö., ÇETİN K. Ö. , Parallel solution of soil-structure interaction problems on PC clusters, Post Graduate, T.BAHÇECİOĞLU(Student), 2011

KURÇ Ö., UZOL O., Experimental and numerical investigation of the wind effects on long span bridge decks, Post Graduate, I.AŞTIANI(Student), 2011

KURÇ Ö., Solution of sparse systems on GPU architecture, Post Graduate, A.LÜLEÇ(Student), 2011

KURÇ Ö., A web-based database for experimental structural engineering research, Post Graduate, Ö.UMUT(Student), 2010

KURÇ Ö., A web based multi user framework for the design and detailing of reinforced concrete frames - beams, Post Graduate, E.BURAK(Student), 2009

KURÇ Ö., Linear static analysis of large structural models on PC clusters, Post Graduate, S.ÖZMEN(Student), 2009

KURÇ Ö., A web based multi-user framework for the design and detailing of reinforced concrete frames-columns, Post Graduate, G.ÜNAL(Student), 2009

## Supported Projects

KURÇ Ö., ALBOSTAN U., Project Supported by Higher Education Institutions, 2 Boyutlu Beton Elemanların Büzüşme Birim Yer Değiştirme Ölçümü için Görüntü Korelasyon Yönteminin Hassasiyetinin Sınanması, 2017 - Continues

KURÇ Ö., ALBOSTAN U., Project Supported by Higher Education Institutions, Birim Yerdeğiştirme Ölçümü için Görüntü Korelasyon Yönteminin Hassasiyetinin Sınanması, 2015 - 2015

KURÇ Ö., Project Supported by Higher Education Institutions, Yüksek Binalarda Rüzgar Etkilerinin İncelenmesi, 2009 - 2011

## Citations

Total Citations (WOS):183

h-index (WOS):9