

## Prof. MEHMET UTKU

### Personal Information

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### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 1984 - Continues

### Advising Theses

SARITAŞ A., UTKU M., Free vibration analysis of uniform or tapered beams with transversely functionally graded materials, Postgraduate, O.KOÇKAYA(Student), 2018

UTKU M., A finite element study on the effective width of flanged sections, Postgraduate, S.KÜÇÜKARSLAN(Student), 2010

UTKU M., A finite element study on the effective width of flanged sections, Postgraduate, S.Küçükarslan(Student), 2010

UTKU M., An improved finite grid solution for plates on generalized foundations, Doctorate, A.KARAŞİN(Student), 2004

UTKU M., Computer solutions for circular plates on elastic foundation, Postgraduate, A.KAYAPINAR(Student), 2003

UTKU M., Analytical and finite element investigation of layered beams, Postgraduate, S.SAATCI(Student), 2001

UTKU M., Investigation of effective flange width formulas for T-beams, Postgraduate, A.AYGAR(Student), 1999

UTKU M., Investigation of mapped infinite elements in finite element formulation, Postgraduate, B.ERDOĞAN(Student), 1998

UTKU M., Circular plates on elastic foundations modelled with annular plates, Postgraduate, İ.İnceleme(Student), 1998

UTKU M., Investigation of drilling degrees of freedom in the finite element method, Postgraduate, H.Sönmez(Student), 1997

UTKU M., Investigation of drilling degrees of freedom in the finite element method, Postgraduate, H.SÖNMEZ(Student), 1997

UTKU M., Universal serendipity elements with unequally spaced edge nodes, Postgraduate, K.SEMİH(Student), 1995

UTKU M., Universal serendipity elements with unequally spaced edge nodes, Postgraduate, S.Küçükarslan(Student), 1995

UTKU M., Infinite domains and infinite elements, Postgraduate, F.SİNAN(Student), 1992

UTKU M., Finite element formulation with infinite elements, Postgraduate, G.M.HUSSEİN(Student), 1989

UTKU M., Correction of mapping distortions in finite element formulation, Postgraduate, G.ÖZKAN(Student), 1989

UTKU M., A Plate bending element with enforced continuity, Postgraduate, E.B.(Student), 1989

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

#### I. Finite Element Analysis of Laminated Beams Under Transverse Loading

WASTI PAMUKSUZ S. N. , UTKU M.

STRAIN, vol.36, no.4, pp.169-174, 2000 (Journal Indexed in SCI)