

Accepted Manuscript

STRUCTURAL IDENTIFICATION OF A CANTILEVER BEAM WITH
MULTIPLE CRACKS: MODELLING AND VALIDATION

Ahmet Can Altunışık , Fatih Yesevi Okur , Volkan Kahya

PII: S0020-7403(17)30179-0
DOI: [10.1016/j.ijmecsci.2017.05.039](https://doi.org/10.1016/j.ijmecsci.2017.05.039)
Reference: MS 3718



To appear in: *International Journal of Mechanical Sciences*

Received date: 19 January 2017
Revised date: 17 May 2017
Accepted date: 28 May 2017

Please cite this article as: Ahmet Can Altunışık , Fatih Yesevi Okur , Volkan Kahya , STRUCTURAL IDENTIFICATION OF A CANTILEVER BEAM WITH MULTIPLE CRACKS: MODELLING AND VALIDATION, *International Journal of Mechanical Sciences* (2017), doi: [10.1016/j.ijmecsci.2017.05.039](https://doi.org/10.1016/j.ijmecsci.2017.05.039)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Investigation on steel cantilever beam with multiple cracks is presented.
- Operational modal analysis is conducted to extract the dynamic characteristics
- Damage identification is studied for undamaged and damaged conditions

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5015940>

Download Persian Version:

<https://daneshyari.com/article/5015940>

[Daneshyari.com](https://daneshyari.com)