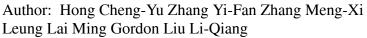
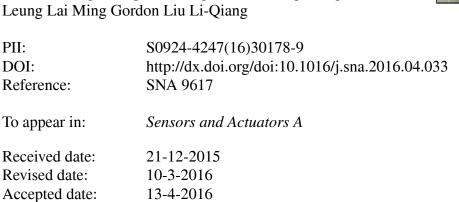
Accepted Manuscript

Title: Application of FBG Sensors for Geotechnical Health Monitoring, a Review of Sensor Design, Implementation Methods and Packaging Techniques





Please cite this article as: Cheng-Yu Hong, Yi-Fan Zhang, Meng-Xi Zhang, Lai Ming Gordon Leung, Li-Qiang Liu, Application of FBG Sensors for Geotechnical Health Monitoring, a Review of Sensor Design, Implementation Methods and Packaging Techniques, Sensors and Actuators: A Physical http://dx.doi.org/10.1016/j.sna.2016.04.033

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.



1	Application of FBG Sensors for Geotechnical Health
2	Monitoring, a Review of Sensor Design, Implementation
3	Methods and Packaging Techniques
4	
5 6 7 8 9 10 11	Hong Cheng-Yu ^{a)} Lecturer, Department of Civil Engineering, Shanghai University, Shanghai, China. ^{b)} State Key Laboratory of Earthquake Dynamics, Institute of Geology, China Earthquake Administration, Beijing 100029, China Email: <u>cyhong@shu.edu.cn</u>
12 13 14 15 16	(*Corresponding Author) Zhang Yi-Fan* Email: <u>zhangyifan@dhu.edu.cn</u> ^{a)} Engineering Research Center of Technical Textiles, Ministry of Education, Donghua University, Shanghai 201620, China ^{b)} Lecturer, College of Textiles, Donghua University, Shanghai 201620, China.
17 18 19 20 21 22	Zhang Meng-Xi Email: <u>mxzhang@i.shu.edu.cn</u> Professor, Department of Civil Engineering, Shanghai University, Shanghai, China.
23 24 25 26 27	Leung Lai Ming Gordon Email: <u>glmleung@hkrrl.com.hk</u> Teaching Fellow, Technological and Higher Education In stitute of Hong Kong, Hong Kong, China.
28 29	and
30 31 32	Liu Li-Qiang Email: <u>liulq-sohu@sohu.com</u>
33 34 35	Professor, State Key Laboratory of Earthquake Dynamics, Institute of Geology, China Earthquake Administration, Beijing 100029, China.
36 37 38 39	Manuscript submitted for possible publication as an article in the journal of Sensors & Actuators: A. Physical 21 Dec 2015

Download English Version:

https://daneshyari.com/en/article/7134736

Download Persian Version:

https://daneshyari.com/article/7134736

Daneshyari.com