Accepted Manuscript

Development of a novel machine vision procedure for rapid and non-contact measurement of soil moisture content

Fatemeh Rahimi-Ajdadi, Yousef Abbaspour-Gilandeh, Kaveh Mollazade, Reza P.R. Hasanzadeh

PII: S0263-2241(18)30159-3

DOI: https://doi.org/10.1016/j.measurement.2018.02.060

Reference: MEASUR 5308

To appear in: *Measurement*

Received Date: 26 June 2017 Revised Date: 31 December 2017 Accepted Date: 25 February 2018



Please cite this article as: F. Rahimi-Ajdadi, Y. Abbaspour-Gilandeh, K. Mollazade, R.P.R. Hasanzadeh, Development of a novel machine vision procedure for rapid and non-contact measurement of soil moisture content, *Measurement* (2018), doi: https://doi.org/10.1016/j.measurement.2018.02.060

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.

ACCEPTED MANUSCRIPT

Development of a novel machine vision procedure for rapid and

2	non-contact measurement of soil moisture content
3	
5	Fatemeh Rahimi-Ajdadi ^{a, b} , Yousef Abbaspour-Gilandeh ^a , Kaveh Mollazade ^{c,*} , Reza PR
6	Hasanzadeh ^d
7	
8	
9	^a Department of Mechanics of Agricultural Machinery, Faculty of Agricultural Technology and
10	Natural Resources, University of Mohaghegh Ardabili, 56199-11367, Ardabil, Iran
11	^b Department of Agricultural Mechanization Engineering, Faculty of Agricultural Sciences,
12	University of Guilan, Rasht, Iran
13	^c Department of Biosystems Engineering, Faculty of Agriculture, University of Kurdistan,
14	Sanandaj, Iran
15	^d Department of Electrical Engineering, Faculty of Engineering, University of Guilan, 41996-
16	13769, Rasht, Iran
17	
18	
19	* Corresponding author
20	E-mail: k.mollazade@uok.ac.ir
21	Tel: +98 918 9720639
22	Fax: +98 87 33620553

Download English Version:

https://daneshyari.com/en/article/7121412

Download Persian Version:

https://daneshyari.com/article/7121412

<u>Daneshyari.com</u>