Title
Erratum for “Cyclic p-y Plasticity Model Applied to Pile Foundations in Sand” by Jung In Choi, Myoung Mo Kim, and Scott J. Brandenberg

Permalink
https://escholarship.org/uc/item/31p109fm

Journal
Journal of Geotechnical and Geoenvironmental Engineering, 142(6)

ISSN
1090-0241

Authors
Choi, JI
Kim, MM
Brandenberg, SJ

Publication Date
2016-06-01

DOI
10.1061/(ASCE)GT.1943-5606.0001511

Peer reviewed
ERRATUM: A CYCLIC P-Y PLASTICITY MODEL APPLIED TO PILE FOUNDATIONS IN SAND

By, Jung In Choi¹, Myoung Mo Kim², and Scott J. Brandenberg³, M. ASCE

Equation 10 in the original paper is incorrect, and should be replaced by the following updated equation from Dobry et al. (1982):

\[ K^e = 1.67 \left( \frac{E_p}{E_s} \right)^{-0.053} E_s \]  \hspace{1cm} (10)

Specifically, in the original paper, the coefficients 1.69 and -0.137 are incorrect and should be replaced by 1.67, and -0.053, respectively. All simulations presented in the original paper utilize the updated equation to define the elastic subgrade reaction modulus for the p-y elements.

References


¹ Senior Engineer, Central Research Institute, Samsung Heavy Industries Co., LTD., 80 Jangpyeong 3ro, Geoje Si, Gyeonsangnam Do, 656-710, Korea, E-mail: next2u00@snu.ac.kr
² Professor, Department of Civil Engineering, Seoul National University, San 56-1, Shinlim-Dong, Kwanak-Ku, Seoul, 151-742, Korea. E-mail: geotech@snu.ac.kr
³ Associate Professor and Vice Chair, Department of Civil and Environmental Engineering, University of California, Los Angeles, 5731 Boelter Hall, Los Angeles, CA 90095-1593 (corresponding author). E-Mail: sjbrandenberg@ucla.edu