



Correction to: Data fusion of in situ geophysical and geotechnical information for levee characterization

T. Dezert^{1,2} · S. Palma Lopes¹ · Y. Fargier^{2,3} · L. Saussaye² · P. Côte¹

Published online: 28 April 2021

© Springer-Verlag GmbH Germany, part of Springer Nature 2021

Correction to: Bulletin of Engineering Geology and the Environment (2021)

<https://doi.org/10.1007/s10064-021-02225-2>

Originally, the Eqs. 9, 10, 12 and 13 were wrongly published in the online version. This has been correctly presented here. The original article has been corrected.

Equation 9

$$m_{1,2,\dots,s}(X) = \sum_{\substack{X_1, \dots, X_s \in 2^\Theta \\ X_1 \cap \dots \cap X_s = X}} \prod_{j=1}^s m_j(X_j) \quad (9)$$

Equation 10

$$m_{1,2,\dots,s}(\emptyset) = \sum_{\substack{X_1, \dots, X_s \in 2^\Theta \\ X_1 \cap \dots \cap X_s = \emptyset}} \prod_{j=1}^s m_j(X_j) \quad (10)$$

Equation 12

$$m_{1,2,\dots,s}^{DS}(X) = \frac{1}{1 - m_{1,2,\dots,s}(\emptyset)} \sum_{\substack{X_1, \dots, X_s \in 2^\Theta \\ X_1 \cap \dots \cap X_s = X}} \prod_{j=1}^s m_j(X_j) \quad (12)$$

Equation 13

$$m_{1,2,\dots,s}^{PCR6}(X) = m_{1,2,\dots,s}(X) + \sum_{k=1}^{s-1} \sum_{\substack{X_{i_1}, X_{i_2}, \dots, X_{i_k} \in 2^\Theta \setminus X \\ (\cap_{j=1}^k X_{i_j}) \cap X = \emptyset}} \sum_{(i_1, i_2, \dots, i_k) \in P^s(\{1, \dots, s\})} [m_{i_1}(X) + m_{i_2}(X) + \dots + m_{i_k}(X)] \\ \cdot \frac{m_{i_1}(X) \dots m_{i_k}(X) m_{i_{k+1}}(X_{i_{k+1}}) \dots m_{i_s}(X_{i_s})}{m_{i_1}(X) + \dots + m_{i_k}(X) + m_{i_{k+1}}(X_{i_{k+1}}) + \dots + m_{i_s}(X_{i_s})} \quad (13)$$

The online version of the original article can be found at <https://doi.org/10.1007/s10064-021-02225-2>

✉ T. Dezert
theo.dezert@univ-eiffel.fr

² Cerema Direction territoriale Normandie-Centre,
F-41000 Blois, France

³ Gustave Eiffel University, GERS, RRO, F-69675 Bron, France

¹ Gustave Eiffel University, GERS, GeoEND,
F-44344 Bouguenais, France