



## Erratum

# Erratum to “A new mix design concept for earth-moist concrete: A theoretical and experimental study” [Cement and Concrete Research 38(10) 2008 1246–1259]

G. Hüsken\*, H.J.H. Brouwers

Department of Civil Engineering, Faculty of Engineering Technology, University of Twente, P.O. Box 217, 7500 AE Enschede, The Netherlands

In Cement and Concrete Research 38, 1246–1259 (2008), A new mix design concept for earth-moist concrete: A theoretical and experimental study, by G. Hüsken and H.J.H. Brouwers, the caption of Fig. 4a and b should read:

Fig. 4a: Sizes and definition of fractions used in the optimization algorithm. b: Composed aggregate mix;  $D_{\max} = 16 \text{ mm}$ ,  $D_{\min} = 0.275 \mu\text{m}$ ,  $q = 0.35$ .

Furthermore, Eqs. (5), (10) and (14) should be replaced by

$$R^2 = 1 - \frac{\sum_{i=1}^n (P_{\text{mix}}(D_i^{i+1}) - P_{\text{tar}}(D_i^{i+1}))^2}{\sum_{i=1}^n (P_{\text{mix}}(D_i^{i+1}) - \bar{P}_{\text{mix}})^2} \quad \forall D_i^{i+1} \in [D_{\min}, D_{\max}], \quad (5)$$

$$v_{\text{sol},k} \geq 0 \quad \text{for } k = 1, 2, \dots, m-2, \quad (10)$$

and

$$w/p = \frac{M_{\text{wat}}}{\sum_{k=1}^{m-2} M_{\text{sol},k}} = \frac{\rho_{\text{wat}} V_{\text{wat}}}{\sum_{k=1}^{m-2} \rho_{\text{sol},k}^{\text{spe}} V_{\text{sol},k}(D_i)} \quad \text{for } D_i < 125 \mu\text{m}, \quad (14)$$

respectively.

The first explanation of Eq. (8) should read:

with  $Q_{\text{sol},k}(D_i)$  sieve residue of material  $k$  on sieve  $i$ .

The typological errors have no further impact on the content of the paper.

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\* Corresponding author.

E-mail address: [g.husken@ctw.utwente.nl](mailto:g.husken@ctw.utwente.nl) (G. Hüsken).