Erratum

Erratum to "A new mix design concept for earth-moist concrete: A theoretical and experimental study"
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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; $D_{\max} = 16$ mm, $D_{\min} = 0.275$ μm, $q = 0.35$.

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

$$R^2 = 1 - \frac{\sum_{i=1}^{n} \left(P_{\mathrm{mix}}\left(D_i^{i+1} \right) - P_{\mathrm{tar}}\left(D_i^{i+1} \right) \right)^2}{\sum_{i=1}^{n} \left(P_{\mathrm{mix}}\left(D_i^{i+1} \right) - \overline{P_{\mathrm{mix}}} \right)^2} \quad \forall D_i^{i+1} \in [D_{min}, D_{max}],$$

(5)

$$v_{\mathrm{sol},k} \geq 0 \quad for \ k = 1, 2, \ldots, m-2,$$

(10)

and

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

(14)

respectively.

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

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

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