Correction

Correction: Ränger, L.-M., et al. Robust Initialization of Rigorous Process Simulations of Multiple Dividing Wall Columns via Vmin Diagrams. *ChemEngineering* 2018, 2, 25

Lena-Marie Ränger * [iD]**, Ulrich Preißinger and Thomas Grützner**

Institute of Chemical Engineering, Ulm University, 89081 Ulm, Germany; ulrich.preissinger@uni-ulm.de (U.P.); thomas.gruetzner@uni-ulm.de (T.G.)
*   Correspondence: lena.raenger@uni-ulm.de

Equation Correction

There was an error in the original article [1]. The expression $(1\text{-}q)\cdot F$ was positioned at a wrong location in Sections 4.2 and 4.3. Note that this expression usually cancels out for a liquid boiling feed stream. It is only important in the case of a different feed state. A correction was made to Equations (19), (21), (22) and (23) and to Figure 8.

$$V_{min,BC} = V^{T,C_{21}} - V^{B,C_{21}} = \sum_{i=1}^{n} \frac{\alpha_i \cdot z_i \cdot F}{\alpha_i - \theta'_A} \cdot r_i^{T,C_1} = \frac{\alpha_A \cdot F \cdot z_A \cdot r_A^{T,C_1}}{\alpha_A - \theta'_A} + \frac{\alpha_B \cdot F \cdot z_B \cdot r_B^{T,C_1}}{\alpha_B - \theta'_A} \tag{19}$$

$$-V_{min,BC} + (1-q)\cdot F = V^{T,C_{22}} - V^{B,C_{22}} = \sum_{i=1}^{n} \frac{\alpha_i \cdot z_i \cdot F}{\alpha_i - \theta'_C} \cdot r_i^{B,C_1}$$
$$= \frac{\alpha_C \cdot F \cdot z_C \cdot \left(1 - r_C^{T,C_1}\right)}{\alpha_C - \theta'_C} + \frac{\alpha_D \cdot F \cdot z_D \cdot \left(1 - r_D^{T,C_1}\right)}{\alpha_D - \theta'_C} \tag{21}$$

$$V_{min,CD'} = V^{B,C_{22}} + (1-q)\cdot F = V^{T,C_{22}} + V_{min,BC} - (1-q)\cdot F + (1-q)\cdot F$$
$$= \frac{\alpha_C \cdot F \cdot z_C \cdot r_C^{T,C_{22}}}{\alpha_C - \theta'_C} + V_{min,BC} \tag{22}$$

$$V^{T,C_1} = \frac{\alpha_A \cdot F \cdot z_A \cdot r_A^{T,C_1}}{\alpha_A - \Phi^{C_1}} + \frac{\alpha_B \cdot F \cdot z_B \cdot r_B^{T,C_1}}{\alpha_B - \Phi^{C_1}} = V_{min,BC} \tag{23}$$

In addition, in Figure 8, a modification had to be made (see Figure 1).
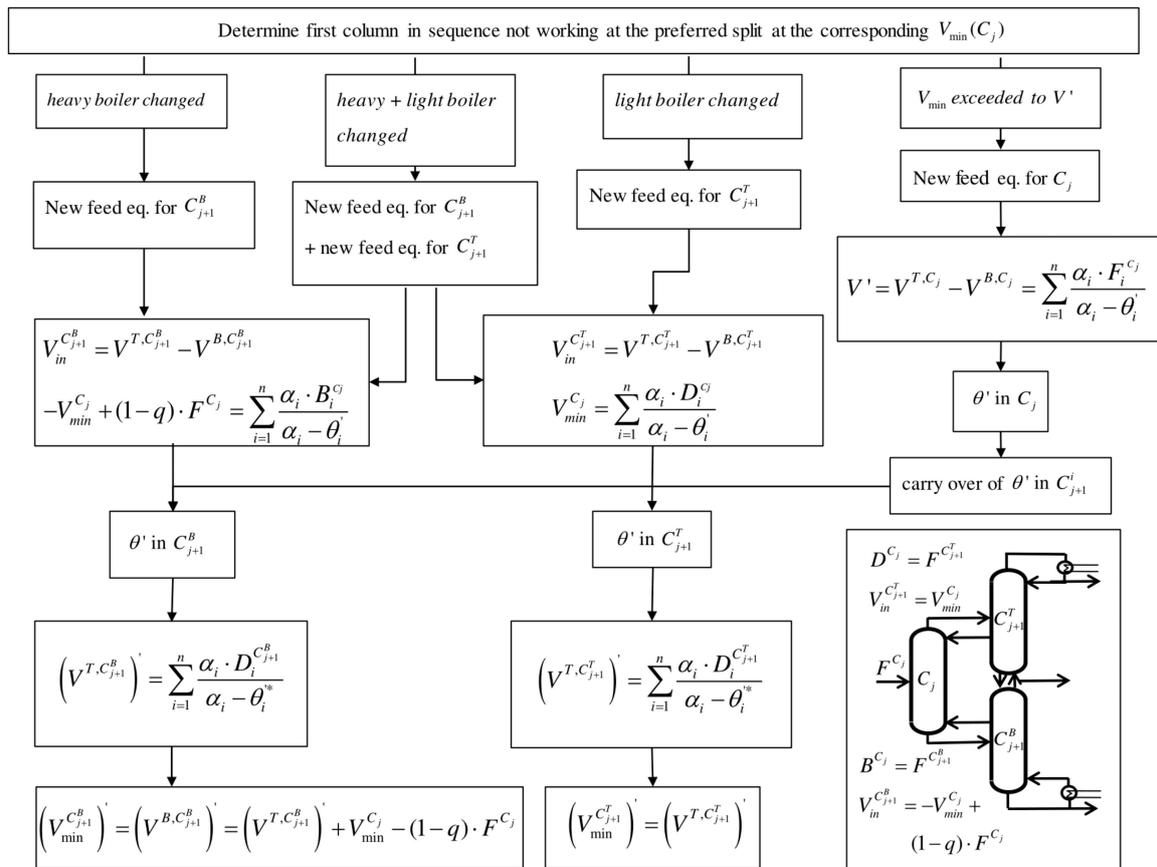
Figure 1. Updated version of Figure 8.

The authors apologize for any inconvenience caused and state that the scientific conclusions are unaffected. The original article has been updated.

Funding: This research received no external funding.

Conflicts of Interest: The authors declare no conflict of interest.

Reference

1. Ränger, L.-M.; Preißinger, U.; Grützner, T. Robust Initialization of Rigorous Process Simulations of Multiple Dividing Wall Columns via Vmin Diagrams. *ChemEngineering* **2018**, *2*, 25. [CrossRef]