



Erratum

Erratum to “A thermodynamically consistent explicit competitive adsorption isotherm model based on second-order single component behaviour” [Journal of Chromatography A 1217 (14) (2010) 2132–2137]

Milica Ilić^a, Dietrich Flockerzi^a, Andreas Seidel-Morgenstern^{a,b,*}

^a Max Planck Institute for Dynamics of Complex Technical Systems, Sandtorstrasse 1, D-39106 Magdeburg, Germany

^b Otto von Guericke University, Chair of Chemical Process Engineering, Universitätsplatz 2, D-39106 Magdeburg, Germany

ARTICLE INFO

Article history:

Received 13 June 2011

Accepted 20 June 2011

Available online 19 July 2011

Due to a mix-up, unfortunately, the isotherms depicted in Fig. 2 of the original paper were not correct. The correct figure corresponding to the adsorption isotherm parameters given in Section 4.1 of the paper is given below.

The authors apologize for any inconvenience this error might have caused.

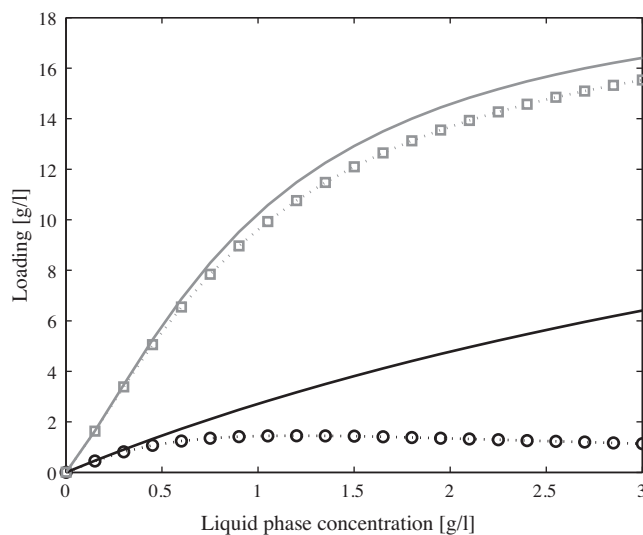


Fig. 2. Comparison of the derived analytical solutions (Eqs. (13)–(16)) and results of numerical calculations solving Eqs. (7) and (8). Single component isotherms (solid lines) follow Eq. (1) (component 1, (–)-enantiomer, black) and Eq. (4) (component 2, (+)-enantiomer, grey), respectively, for the parameters given in the text. Squares and circles – derived analytical solution; dotted lines – numerical solutions (1:1 mixtures).

DOI of original article: [10.1016/j.chroma.2010.02.006](https://doi.org/10.1016/j.chroma.2010.02.006).

* Corresponding author at: Otto von Guericke University, Chair of Chemical Process Engineering, Universitätsplatz 2, D-39106 Magdeburg, Germany. Tel.: +49 3916718644; fax: +49 3916712028.

E-mail address: andreas.seidel-morgenstern@vst.uni-magdeburg.de (A. Seidel-Morgenstern).