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## TRANSPORT PHENOMENA & FLUID MECHANICS

散相液痛在視拌萃取塔内的停留时间分布 ポテー"。キリー、キ性学 \* School of Environmental Science and Engineering, Tianjin University, Tianjin 300072, China

<sup>b</sup> School of Chemical Engineering and Technology, Tianjin University, Tianjin 300072, China 我同日期 参加日期 网络英克布日期 接交日期 A resident time model is proposed to evaluate the performance of agillated extraction columns. In this model, the resident time and dispersad phase and continuous phase and optimize phase and continuous phase is neglected for the box consentration of supersad phase (etgo) are described by the single-phase having resident time and standard deviation). Under different operation conditions are computed for four columns. The relation of the above statistical parameters of drops. Our results related that the resident time and standard deviation) under different operation conditions are computed for four columns. The relation of the above statistical parameters with the performance of columns is discussed and the orienters for an optimal computement are outlined. Our results related to the value the performance and optimize the design of extraction columns.

天使词 <u>我们成绩,投扑至私货,停留时到仓金,高款规划,其依成力学。</u> 分类号

## The Resident Time Distribution of Injected Dispersed Drops in Stirred Extraction Columns $\label{eq:color_policy} YOU\ Xoty^{p_i}, LI\ Disp^i, LI\ Shenglus^b$

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Abstract
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