

## Accepted Manuscript

Title: Improved Design and Optimization for Separating Tetrahydrofuran-Water Azeotrope through Extractive Distillation with and without Heat Integration by Varying Pressure

Authors: Jinglian Gu, Xinqiang You, Changyuan Tao, Jun Li, Weifeng Shen, Jie Li

PII: S0263-8762(18)30121-7  
DOI: <https://doi.org/10.1016/j.cherd.2018.03.015>  
Reference: ChERD 3085

To appear in:

Received date: 3-12-2017  
Revised date: 14-2-2018  
Accepted date: 12-3-2018

Please cite this article as: Gu, Jinglian, You, Xinqiang, Tao, Changyuan, Li, Jun, Shen, Weifeng, Li, Jie, Improved Design and Optimization for Separating Tetrahydrofuran-Water Azeotrope through Extractive Distillation with and without Heat Integration by Varying Pressure. *Chemical Engineering Research and Design* <https://doi.org/10.1016/j.cherd.2018.03.015>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



# Improved Design and Optimization for Separating Tetrahydrofuran-Water Azeotrope through Extractive Distillation with and without Heat Integration by Varying Pressure

Jinglian Gu<sup>†</sup>, Xinqiang You<sup>‡</sup>, Changyuan Tao<sup>†</sup>, Jun Li<sup>\*,†</sup>, Weifeng Shen<sup>\*,†</sup>, and Jie Li<sup>§</sup>

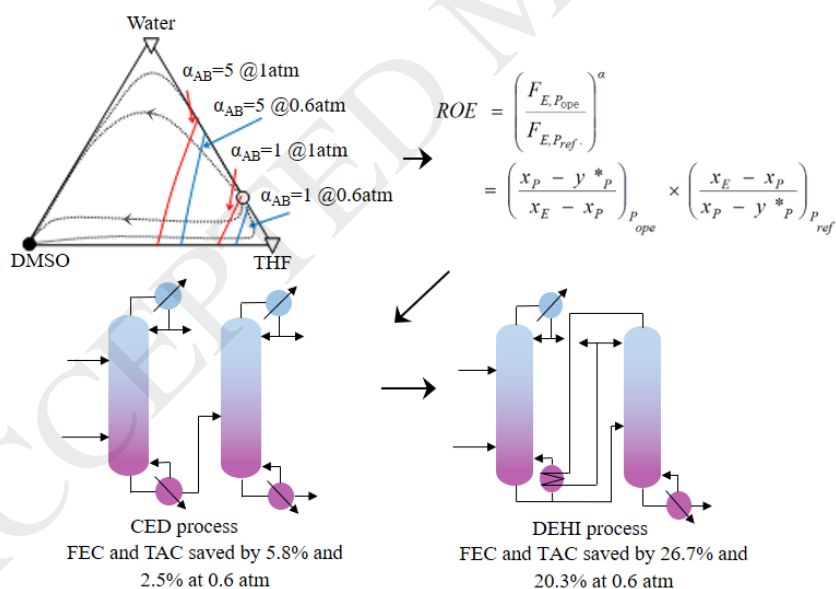
<sup>†</sup> School of Chemistry and Chemical Engineering, Chongqing University, Chongqing 401331, China

<sup>‡</sup> State Key Laboratory of Chemical Engineering and School of Chemistry & Molecular Engineering, East China University of Science and Technology, Shanghai 200237, China

<sup>§</sup> School of Chemical Engineering and Analytical Science, The University of Manchester, Manchester, UK

\* Corresponding author: E-mail: jli15@cqu.edu.cn(JL), shenweifeng@cqu.edu.cn (WS).

## Graphical abstract



متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات