

Volume 7

Heat Integration for Different Separation Processes

崔明珠, 冯霄, 张早校

Chemical Engineering School, Xi'an Jiaotong University, Xi'an 710049, China

收稿日期 1998-2-25 修回日期 网络版发布日期 接受日期 1998-10-23

摘要 The distribution of heat duties among individual separation subsystems and other aspects of heat integration in such systems are reviewed. Heat integration for different separation processes is investigated, using the pinch point method. Such a study will provide theoretical guide lines for the proper choice of a desirable separation process.

关键词 [separation](#) [heat duty](#) [pinch analysis](#) [heat integration](#)

分类号

DOI:

Heat Integration for Different Separation Processes

Cui Mingzhu, Feng Xiao, Zhang Zaoxiao

Chemical Engineering School, Xi'an Jiaotong University, Xi'an 710049, China

Received 1998-2-25 Revised Online Accepted 1998-10-23

Abstract The distribution of heat duties among individual separation subsystems and other aspects of heat integration in such systems are reviewed. Heat integration for different separation processes is investigated, using the pinch point method. Such a study will provide theoretical guide lines for the proper choice of a desirable separation process.

Key words [separation](#); [heat duty](#); [pinch analysis](#); [heat integration](#)

通讯作者:

崔明珠

作者个人主页: 崔明珠; 冯霄; 张早校

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF](#) (1404KB)

▶ [\[HTML全文\]](#) (0KB)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [引用本文](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含“separation” 的相关文章](#)

▶ 本文作者相关文章

- [崔明珠](#)
- [冯霄](#)
- [张早校](#)