

RESEARCH PAPERS

多管程换热器换热网络的合成

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收稿日期 修回日期 网络版发布日期 接受日期

摘要 Many methods have been proposed for synthesis of heat exchanger networks in recent years, most of which consider single pass exchangers. In this study some evolutionary rules have been proposed for synthesis of multipass exchanger networks. The method is based on the heuristic that optimal networks should feature maximum energy recovery and have the minimum number of shells. The effectiveness of the developed evolutionary rules is demonstrated through some literature examples.

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DOI:

Synthesis of Heat Exchanger Network Considering Multipass Exchangers

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Received Revised Online Accepted

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Key words [heat exchanger network](#); [synthesis](#); [multipass exchanger](#); [heuristic rule](#)

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