## Accepted Manuscript

Title: Synthesis of multipass heat exchanger network with the optimal number of shells and tubes based on pinch technology

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 PII:
 S0263-8762(14)00262-7

 DOI:
 http://dx.doi.org/doi:10.1016/j.cherd.2014.06.005

 Reference:
 CHERD 1611

To appear in:

Received date:	10-12-2013
Revised date:	18-4-2014
Accepted date:	3-6-2014

Please cite this article as: Sun, L., Luo, X.,Synthesis of multipass heat exchanger network with the optimal number of shells and tubes based on pinch technology, *Chemical Engineering Research and Design* (2014), http://dx.doi.org/10.1016/j.cherd.2014.06.005

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## ACCEPTED MANUSCRIPT

## Synthesis of multipass heat exchanger network with the optimal number of shells and tubes based on pinch technology

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