

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/the-effect-of-deviations-of-process-parameters-from-optimum-parameters-on-the-work-of-catalyst-carriers-in-multi-tubular-reactors>

## The effect of deviations of process parameters from optimum parameters on the work of catalyst carriers in multi-tubular reactors

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**Abstract:** Vanadium-titanium catalysts deposited on structural carriers work in industrial multi-tubular reactors most often in conditions deviated from optimum parameters. As a result we observe distinct differences in productivities of the process in individual tubes of the reactor. The effect of deviations from optimum parameters on thermal-flow characteristics of structural catalysts has been presented. A criterion of the minimum generation of the entropy was applied.

## Attachments:

[Zeszyt-18-2014](#) pdf, 6.25 MB

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