

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/computational-fluid-dynamics-modeling-of-heat-transfer-and-flow-resistance-in-short-channels-detailed-description>

Computational fluid dynamics modeling of heat transfer and flow resistance in short channels: detailed description

Publication date:	30.12.2013
Publication title:	Computational fluid dynamics modeling of heat transfer and flow resistance in short channels: detailed description
Authors:	Marzena Iwaniszyn , Andrzej Kołodziej , Joanna Łojewska
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk

Abstract: Effect of the internal geometry of catalytic reactor capillary channels have been studied by means of numerical simulations. ANSYS FLUENT software was applied for carrying the analysis out. The temperature and pressure distribution for different channel lengths and cross-sectional shapes were pre-sented.

Attachments:

[Zeszyt-17-2013](#) pdf, 6.23 MB

Created at:	04.08.2025
Published by:	Artur Wojdyła
Published at:	04.08.2025 11:44
Number of downloads:	141

Metryczka

Published by:	Artur Wojdyła
----------------------	---------------

Published at:	18.09.2025 14:53
Number of views:	111