

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/theory-of-multicomponent-diffusion-in-fluid-systems-part-ii-applications-of-the-constitutive-equations-of-multicomponent-diffusion>

## Theory of multicomponent diffusion in fluid systems. Part II. Applications of the constitutive equations of multicomponent diffusion

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**Abstract:** The constitutive equations of multicomponent diffusion derived in the first part of the study [1] basing of the mechanical theory of diffusion are applicable to any isotropic fluid mixture like gases under low and high pressure, liquids, electrolyte and polymeric solutions as well as plasma. Therefore in this (second) part of the study examples of application of the theoretical expressions derived in the first part are presented with respect to the fluid systems mentioned above.

## Attachments:

[Zeszyt-21-2017](#) pdf, 3.74 MB

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