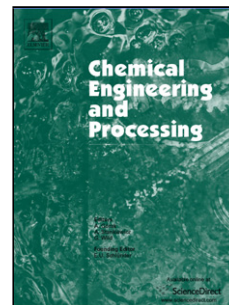


## Accepted Manuscript

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# Effect of linetype of convergent section on supersonic condensation

## characteristics of CH<sub>4</sub>-CO<sub>2</sub> mixture gas in Laval nozzle

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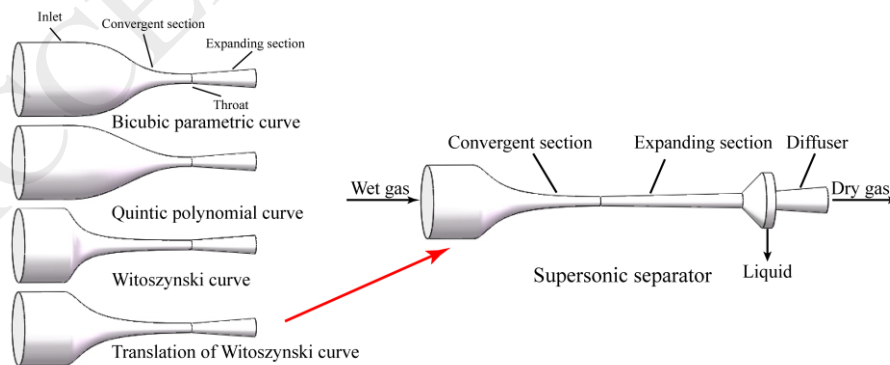
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### Graphical abstract



The numerical simulations of CH<sub>4</sub>-CO<sub>2</sub> mixture gas in the nozzle were carried out applying User Define Function, which convergent section is designed by different

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