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A theoretically based departure function for multi-fluid mixture models

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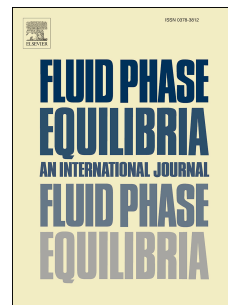
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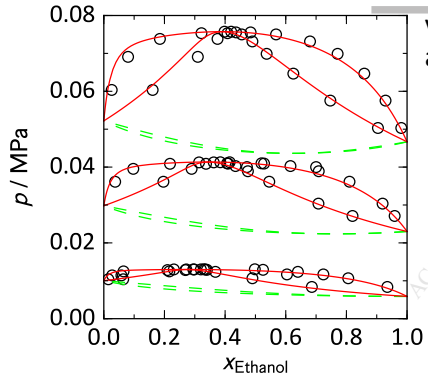
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## Vapor-liquid equilibria on three isotherms for a binary mixture of ethanol + benzene



○ Experimental data

--- Multi-fluid mixture model with linear mixing rules

— New model with excess-based departure function

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