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Fluid Phase Equilibria

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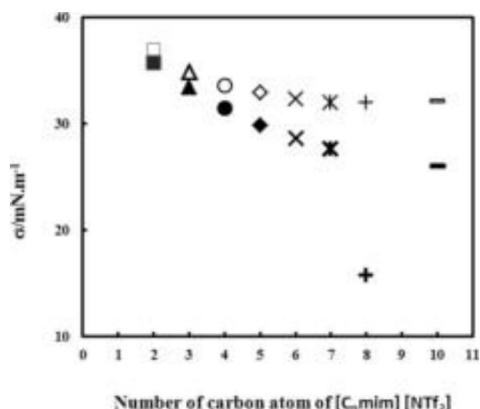
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In this paper a simple equation has been used to prediction the surface tensions of pure ionic liquids based on enthalpy of vaporization. Acentric factor, critical temperature, and critical pressure of ionic liquids are necessary inputs for this prediction. Comparison of experimental and calculated surface tension values show the model has good accuracy in comparison with other predictive equations.



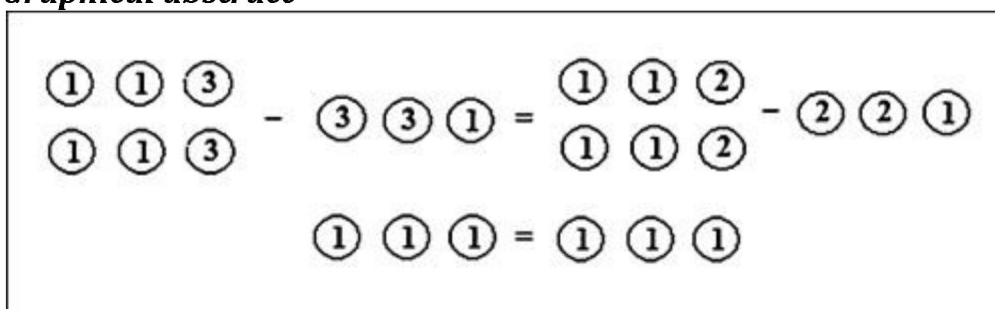
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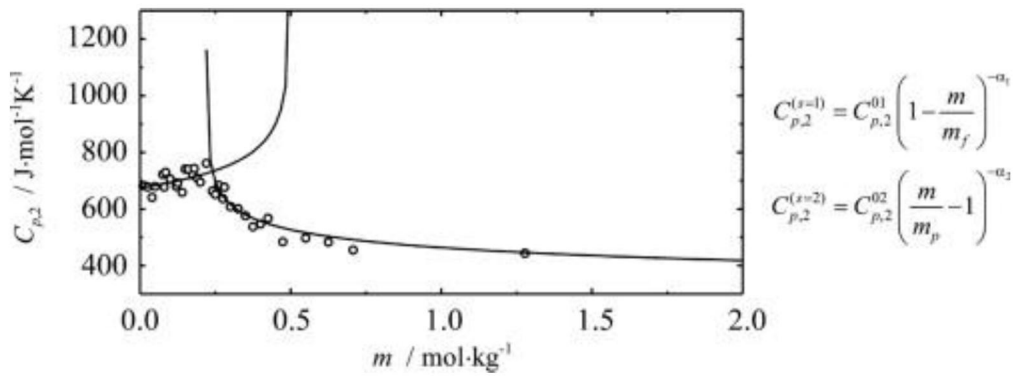
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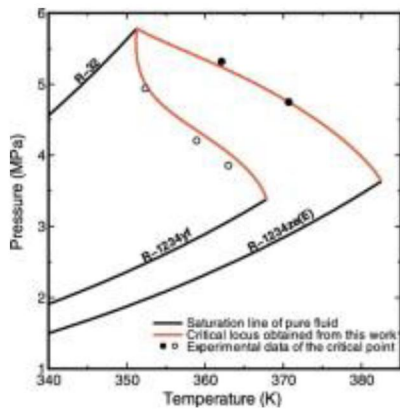
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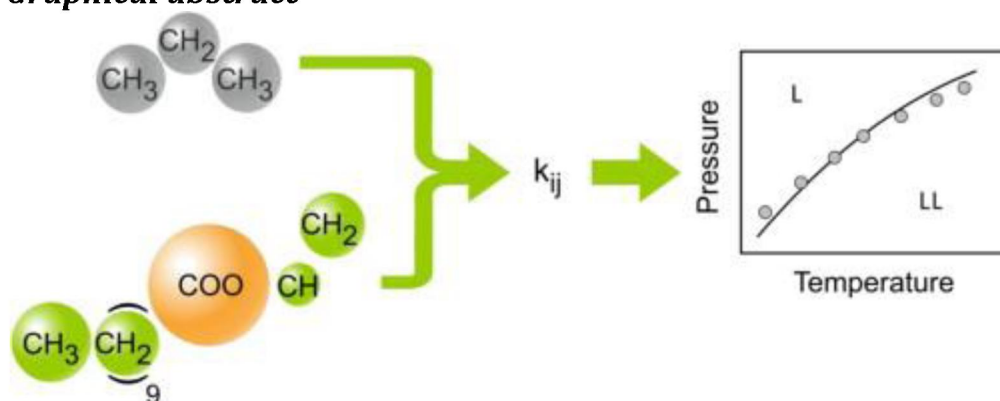
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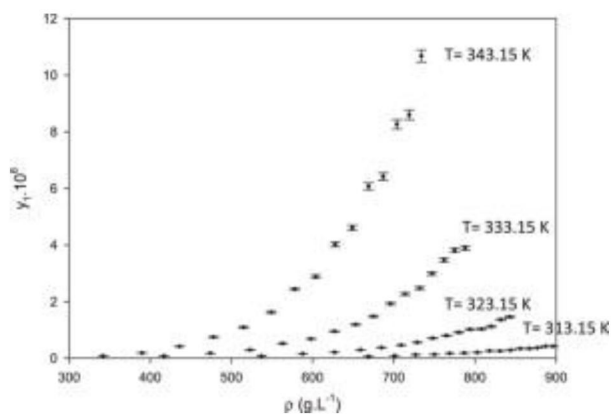
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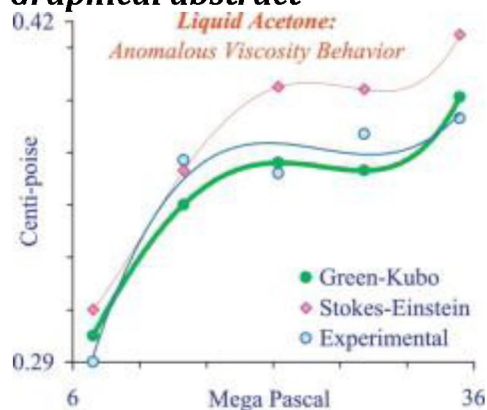
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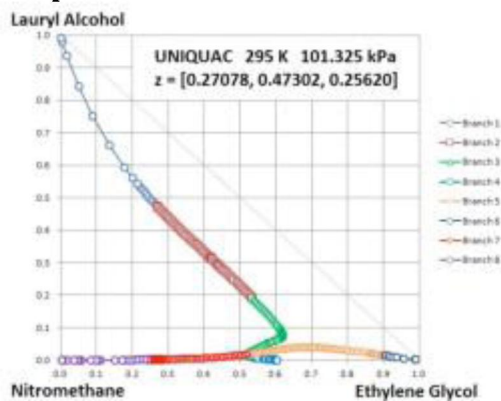
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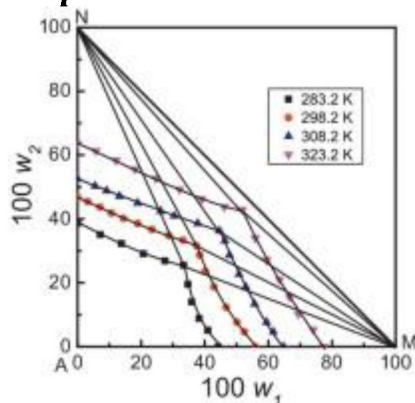
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