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Smart Models to Predict the Minimum Spouting Velocity of Conical Spouted Beds with Non-porous Draft Tube

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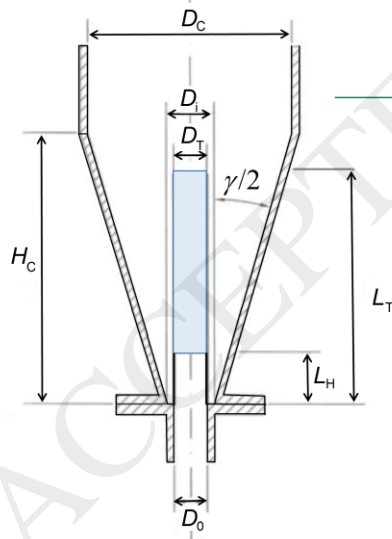
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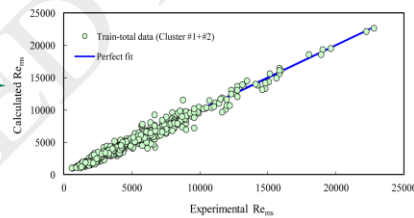
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Graphical abstract

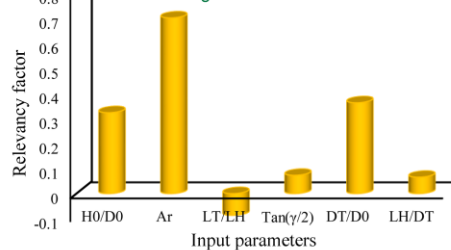
Smart models to estimate minimum spouting velocity in conical spouted beds



MLP-BR-SOM predicted the best results



Performing sensitivity analysis to find the factors with greater influence on U_{ms}



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