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Conjugate natural convection of  $Al_2O_3$ -water nanofluid in a square cavity with a concentric solid insert using Buongiorno's two-phase model

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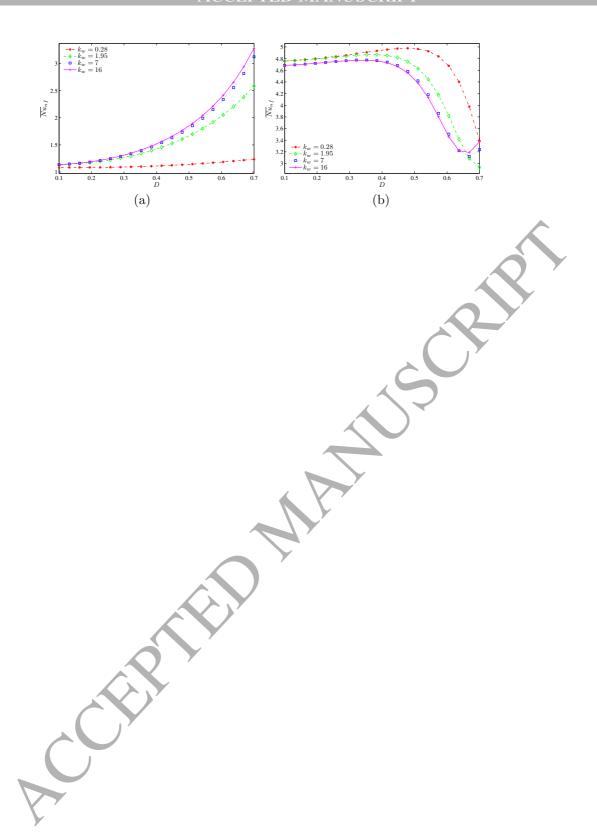
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