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Maximum Hygrostress Response Charts for Drying Elastic, Cylindrical Food with Infinite Biot Number

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Charts were prepared for estimating local maxima or minima of din stresses of axial, radial, and tangential orientations formed in an elas during a drying or hydrating process. For this, analytical solutions c used. These charts showed that tangential stresses were the most ci during drying processes and radial stresses for hydrating processes the charts were presented for adjusting process conditions to preve Keywords: maximum hygrostress, elastic cylinder, moisture diffusi



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