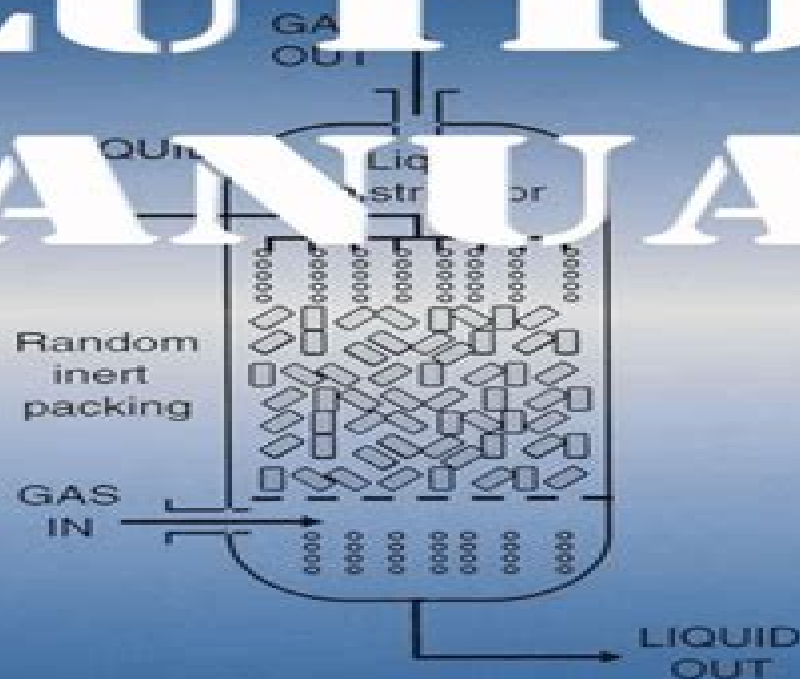


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# Fundamentals of Momentum, Heat and Mass Transfer

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**Theodore L. Bergman, Adrienne S.  
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*Heat Transfer Principles and Applications* Charles H. Forsberg, 2020-03-20 *Heat Transfer Principles and Applications* is a welcome change from more encyclopedic volumes exploring heat transfer This shorter text fully explains the fundamentals of heat transfer including heat conduction convection radiation and heat exchangers The fundamentals are then applied to a variety of engineering examples including topics of special and current interest like solar collectors cooling of electronic equipment and energy conservation in buildings The text covers both analytical and numerical solutions to heat transfer problems and makes considerable use of Excel and MATLAB in the solutions Each chapter has several example problems and a large but not overwhelming number of end of chapter problems

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