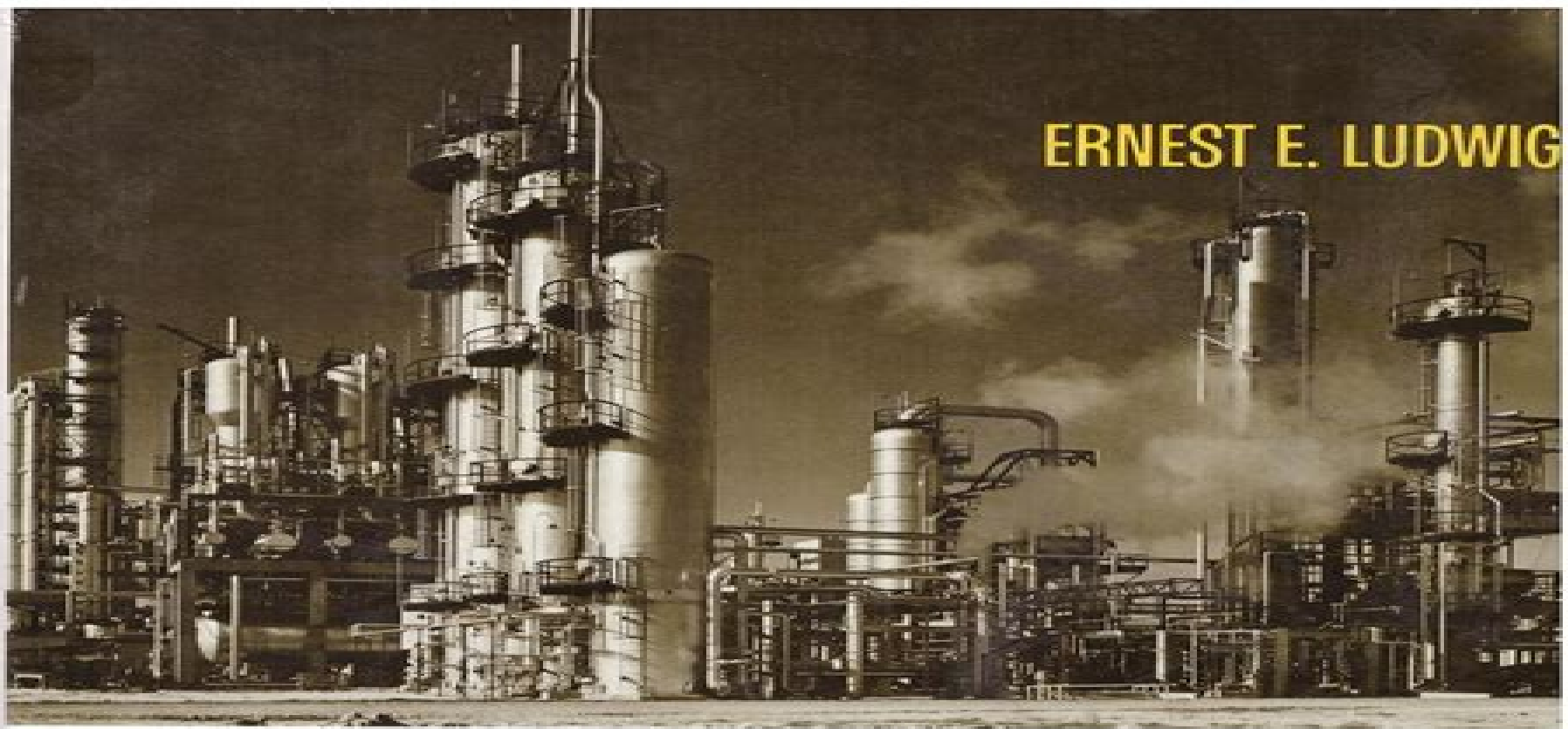




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Applied Process Design

Rosina Ehmann



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A. Kayode Coker,2010 The Fourth Edition of Applied Process Design for Chemical and Petrochemical Plants Volume 2 builds upon the late Ernest E Ludwig s classic chemical engineering process design manual Volume Two focuses on distillation and packed towers and presents the methods and fundamentals of plant design along with supplemental mechanical and related data nomographs data charts and heuristics The Fourth Edition is significantly expanded and updated with new topics that ensure readers can analyze problems and find practical design methods and solutions to

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Ludwig, 1997-11-24 This latest edition covers the technical performance and mechanical details of converting the chemical and petrochemical process into appropriate hardware for distillation and packed towers. It incorporates recent advances and major innovations in distillation contacting devices and features new generations of packing. In addition, this new edition reflects the significant progress that has been made in process design techniques in recent years. Volume 2's example calculation techniques guide in the preparation of preliminary and final rating designs. In some instances, the book includes manufacturers' procedures and notes clearly indicate when manufacturers should verify results. Covers distillation and packed towers and contains material on azeotropes and ideal and non-ideal systems. Includes important findings from recent literature to illustrate alternate design methods. New illustrations and rating charts.

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