

# Chemical Engineering Progress

Articles of interest to Journal readers that have appeared recently in *Chemical Engineering Progress* are noted below. CEP is an official publication of the American Institute of Chemical Engineers, issued monthly at 25 West 45 Street, New York 36, New York. A subscription is \$6.00 annually. Single copies are 75 cents.

November, 1957

"Corrosion and Its Manifestations" by Mars G. Fontana, The Ohio State University.

"Anhydrous Hydrogen Peroxide as a Propellant" by Ralph Bloom, Jr., and Norris J. Brunsvold, Food Machinery & Chemical Corporation.

"Gamma Density Controls Extraction Column" by Bernard G. Ryle, Parker Pen Company.

December, 1957

"A Chemical Engineer Visits the U.S.S.R." by Edgar L. Piret, University of Minnesota.

"Sorption Processes/Granular Processes-Ion Exchange" by W. A. Selke, Peter J. Schweitzer, Inc.

"Sorption Processes/Membrane Processes-Ion Exchange" by Alvin G. Winger, Rohm and Haas Company.

January, 1958

"Eastman Process for Cracking Light Hydrocarbons to Acetylene and Ethylene" by G. A. Akin, T. F. Reid, and R. J. Schrader, Tennessee Eastman Company.

"Pall Rings—New Type of Tower Packing" by John S. Eckert, Earl H. Foot, and Richard L. Huntington, The United States Stoneware Company.

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## ERRATA

In "Effect of Wall Roughness on Convective Heat Transfer in Commercial Pipes" by J. W. Smith and Norman Epstein, which appeared on page 247 of the June, 1957, issue, Equation (10) should read:

$$j_h P_r^{-2/3} \frac{h}{C_p V_p} = \frac{\alpha f}{2}$$

and Equation (12),

$$j_h = \frac{f/2}{b + C\sqrt{f/2}}$$

In "Studies on Effective Thermal Conductivities in Packed Beds" by Sakae Yagi and Daizo Kunii, which appeared on page 373 of the September, 1957, issue, Equation (17) should read:

$$(0.860) VI = \frac{2\pi l k \epsilon^0 \Delta t}{2.3 \log_{10} (D_o/D_i)}$$

In Figure 4 the fraction of the sectional area should be  $1 - \epsilon$ , instead of  $\epsilon - 1$ .