NOMENCLATURE

A_i = interfacial area, sq. ft.
D_{Ckj} = Chapman-Cowling diffusion coefficient for components k and j, sq. ft./sec.
$D_{F,4}$ = Fick diffusion coefficient for n-butane, sq. ft./sec.
$D_{F,10}$ = Fick diffusion coefficient for n-decane, sq. ft./sec.
m = total material, lb.
$\overline{V}$ = specific volume, cu. ft./lb.
$\overline{V}$ = partial specific volume of a component, cu. ft./lb.
Δ = difference in
σ_k = concentration of component k, lb./cu. ft.
θ = time, sec.

Subscripts

b = property evaluated at bubble-point conditions
c = transport into the cell
d = property evaluated at dew-point conditions
j = component j, the less volatile, or stagnant, component
k = component k, the more volatile, or diffusing, component
l = liquid phase
o = initial conditions
$1,2$ = state or condition

Superscript

$*$ = average value of a property over the process considered

LITERATURE CITED

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CORRECTION:

In the article "Synthesis of N-(3'-Chloro-4'-methylphenyl)-2-methylpentanamide-1-C^{14}" by S.E. Forman and C.A. Erickson [J. CHEM. ENG. DATA **9**, 400 (1964)], a block of type has been inadvertently transposed. In column 1, page 401, under the bold heading N-(3'-Chloro-4'-methylphenyl)-2-methylpentanamide-1-C^{14}(VII), the material beginning with the eleventh line, "the aqueous solution was extracted with ether. This ether," through the twenty-second line, "by GPC and I.R. spectroscopy," should have appeared just before the bold heading and following the line, "that the chemical yield of IV was 77%. After acidification,".

CORRECTION:

In the article "A Study of the System CaCl$_2$-ZnCl$_2$-H$_2$O (NaCl Saturated) at 15° C." by E.P. Helvenston and E.A. Cuevas [J. CHEM. ENG. DATA **9**, 321 (1964)], in the third line of the Abstract, the weight per cent given for NaCl solubility should be 2.5 rather than 25%.