

Lin, McKeigue
 + Maldarelli,
 AIChE J,
 36, 1785 (1990)

Dynamic
 Surface
 Tension

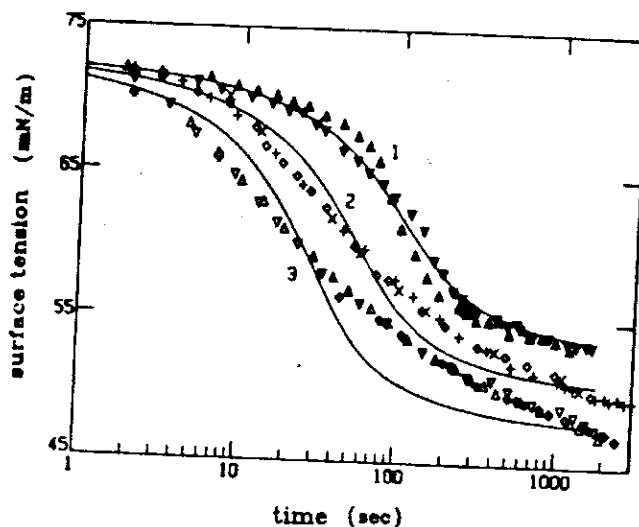
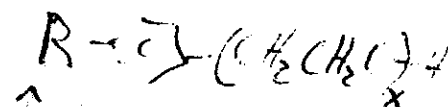


Figure 5. Dynamic surface tensions of Triton X-100 solutions and theoretical profiles.

$C_0 = (1) 9.89 \times 10^{-4}$, (2) 1.55×10^{-4} , and (3) 2.32×10^{-4} mol/cm³; $D = 2.6 \times 10^{-5}$ cm²/s. Each symbol represents a separate bubble ($\gamma = \text{mN/m}$)



alkane

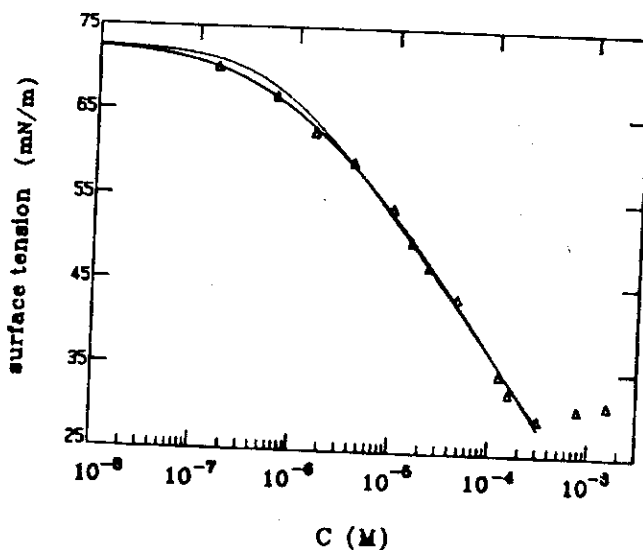


Figure 7. Equilibrium surface tension for air/Triton X-100 aqueous solution.

Theoretical fitting by Eqs. 7 and 8: Frumkin isotherm (—) and Langmuir isotherm (.....) ($\gamma = \text{mN/m}$)