

autophobicity

If adsorption equilibrium and mutual saturation of the phases is not achieved instantly, it is possible to distinguish the initial spreading tension, $\sigma_i^{\alpha\beta\delta}$, from the final spreading tension, $\sigma_f^{\alpha\beta\delta}$, when equilibrium has been reached.

In the case in which $\sigma_i^{\alpha\beta\delta}$ is positive, while $\sigma_f^{\alpha\beta\delta}$ is negative, the system is said to exhibit autophobicity.

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