

Principles Of Adsorption And Reaction On Solid Surfaces.pdf

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[Langmuir adsorption model - Wikipedia](#)

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The Langmuir adsorption model explains adsorption by assuming an adsorbate behaves as an ideal gas at isothermal conditions. At these conditions the adsorbate's partial pressure, p , is related to the volume of it, V , adsorbed onto a solid adsorbent.

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ANNEXURE - I SYLLABI FOR THE ENTRANCE TEST

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Dec. 1997 IPS-E-PR-905 2 0. INTRODUCTION . Drying is an important Unit operation concept in which water and other volatile liquids can be separated from solids and semisolid materials and from gases and liquids.

[Catalysis - Wikipedia](#)

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Catalysis ($/kæ'tælɪsɪs/$) is the increase in the rate of a chemical reaction due to the participation of an additional substance called a catalyst ($/kæ'tælɪsɪt/$), which is not consumed in the catalyzed reaction and can continue to act repeatedly.

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