
Mystery of catalytic memory effect

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The simplest idea of Catalytic Memory Effect is binding with a rise of the yield of a particular sample by means of the catalysts surface modification during its preparations. At lack of any concepts it has been proposed that the best modifier should be the substrate molecule. But the expected effect was often disappointing for the fall in the general activity. It remains only to follow the changes in the selectivity that may require to use binary method relation systems. Previously dominated unar approach which had no connections with other possible reaction roads. Modern physics takes into account binary systems of substantiated relations or complex relation systems. The aim of this work is to explain the non-popularity of the catalytic memory effect as the catalysis is more of an engineering science. Technologist is more interested in general activity which as a rule is inversely proportional to selectivity.

Keywords: catalysis, memory, system of binary relations

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