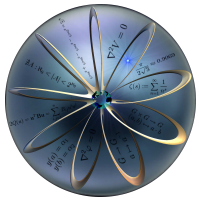

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convergence/divergence for an infinite product

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Consider $\prod_{n=1}^{\infty} p_n$. We say that this infinite product converges iff the finite products $P_m = \prod_{n=1}^{m} p_n \longrightarrow P$ converge. Otherwise the infinite product is called divergent.