



## Nuclear Chain Reaction

By Lambert M. Surhone

Betascript Publishers Jan 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware - High Quality Content by WIKIPEDIA articles! A nuclear chain reaction occurs when one nuclear reaction causes an average of one or more nuclear reactions, thus leading to a self-propagating number of these reactions. The specific nuclear reaction may be the fission of heavy isotopes (e.g.  $^{235}\text{U}$ ) or the fusion of light isotopes (e.g.  $^2\text{H}$  and  $^3\text{H}$ ). The nuclear chain reaction is unique since it releases several million times more energy per reaction than any chemical reaction. The concept of a nuclear chain reaction was first realized by Hungarian scientist Leó Szilárd in 1933. He filed a patent for his idea of a simple nuclear reactor the following year. 88 pp. Englisch.



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