

# Theoretical Analysis and Reaction Mechanisms for Experimental Results of Hydrogen-Nickel Systems

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Theoretical analysis and reaction mechanisms will be presented for anomalous heat effect (AHE) observed for hydrogen-Nickel systems [1], using a generalized conventional theory [2-14] which are based on the optical theorem formulation of low-energy nuclear reactions (OTF-LENRs) [2] and also based on generalization [3] of the theory of Bose-Einstein condensation nuclear fusion (BECNF) in micro/nano-scale metal particles [4-15].

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Most of references [2-15] are available at

<http://www.physics.purdue.edu/people/faculty/yekim.shtml>

