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Cuvillier Verlag Feb 2008, 2008. Taschenbuch. Book Condition: Neu. 211x144x17 mm. Neuware - The present work investigates the mixture formation and combustion process of a direct-injection (DI) hydrogen internal combustion engine by means of three-dimensional numerical simulation. The study specifies details on the validity of turbulence models, combustion models as well as aspects on the definition of hydrogen-air burning velocities with respect to hydrogen IC engine applications. Results of homogeneous, stratified and multi-injection engine operation covering premixed, partially premixed and...

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- Authored by Udo Gerke
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