

LISTE DER VERÖFFENTLICHUNGEN

■ DIPLOMARBEIT, DOKTORARBEIT UND HABILITATIONSSCHRIFT

„Dynamik eines Neuronalen Netzwerks - Musterfolgen durch asymmetrische Synapsen“, Diplomarbeit, Fakultät für Physik, Universität Heidelberg, 1988.

„Numerische Simulation reaktiver Hyperschallströmungen mit detaillierten Reaktionsmechanismen“, Doktorarbeit, Fakultät für Physik, Universität Heidelberg, 1992.

„Simulation nicht-thermischer Prozessplasmen mit detaillierten physikalisch-chemischen Modellen“, Habilitationsschrift, Fakultät für Chemie und Geowissenschaften, Universität Heidelberg, 2003.

■ IN BÜCHERN

„**Prandtl – Führer durch die Strömungslehre**“, H. Oertel jr. (Hrsg.), Kapitel „Strömungen mit chemischen Reaktionen“.

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„**Prandtl's, Essentials of Fluid Mechanics**“, Applied Mathematical Sciences 158, H. Oertel jr. (Hrsg.), Kapitel „Reactive Flows“.

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Kapitel 3 „Verbrennung“,

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„Proceedings of the 17th International Colloquium on the Dynamics of Explosions and Reactive Systems“, J. Warnatz, U. Riedel, F. Behrendt (Hrsg.), Universität Heidelberg, IWR, Heidelberg, 1999.

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