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obtain a complete set of transport equations, a new macroscopic variable appears. It is necessary, therefore, to truncate the system of transport equations at some point of the hierarchy and to introduce a simplifying assumption concerning the highest moment of the distribution function that appears in the system.

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Macroscopic Transport Equations For Rarefied Gas Flows

Macroscopic transport equations for rarefied gas flows Henning Struchtrup University of Victoria, Canada Part I: Knudsen number, Boltzmann equation, Chapman-Enskog method

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