

The von Karman Institute for Fluid Dynamics

Notes for lecture course on Combustion

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Contents.

1. The basic equations.
2. The general finite-difference solution procedure.
3. Special treatment of the flow boundaries.
4. Application to confined flows.
5. The GENMIX 4 programme.
6. Principal notation.

Programme listing and diagrams.

N.B. The reference numbers for equations and diagrams appearing in these notes are the same as those used in the following two references:-

Patankar, S.V & Spalding, D.B. "Heat & Mass Transfer in Boundary Layers". Morgan-Grampian, London 1967

Spalding, D.B. "Heat and Mass Transfer in Boundary Layers: Part III". Rep<sup>t</sup> N<sup>o</sup> BL/TN/G/15, Sept., 1969.

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