

Boris, J. P.; Oran, E. S.

Detailed modelling of reactive flows. (English) Zbl 0466.76098

Methodes numeriques dans les sciences de l'ingenieur, 1er Congr. int., Paris 1978, 229-247 (1979).

For a scan of this review see the [web version](#).

MSC:

[76T99](#) Multiphase and multicomponent flows

[65N06](#) Finite difference methods for boundary value problems involving PDEs

[80A30](#) Chemical kinetics in thermodynamics and heat transfer

[76L05](#) Shock waves and blast waves in fluid mechanics

[76-02](#) Research exposition (monographs, survey articles) pertaining to fluid mechanics

[76-06](#) Proceedings, conferences, collections, etc. pertaining to fluid mechanics

Cited in **6** Documents

Keywords:

[detailed modelling](#); [reactive flows](#); [timescale problems](#); [slow flow situations](#); [asymptotic and global implicit approaches](#); [steep gradients](#); [adaptive gridding](#); [flame fronts](#); [Lagrangian triangular grid techniques](#)