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The researchers used turbulence to test their method. "We don't know how to mathematically write down all of turbulence in a useful way. There are unknowns that cannot be represented on the ...

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One approach to relate the turbulent terms to the mean flow

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*subject of turbulence modelling in a form easy to understand for*

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*summarizes the present state of the art. Individual models are*

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A description of examples of turbulence model applications is provided. Two-dimensional boundary-layer-type flows are considered along with two-dimensional separated flows, the

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Attention is therefore given to two modelling levels: non-linear eddy viscosity schemes; and a new generation of second-moment closure which satisfies the two-component limiting state that turbulence approaches at a wall. Applications are shown for a range of two- and three-dimensional complex flows.

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