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multidimensional space, it
seems important to
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define the fluid state
Following the continuous
assumption, the mathematical
description of the state of a
moving fluid can be***

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mathematically attractive
manner, to present the
physical background and
motivation for some
constructions that have been
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***and numerical work on the
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on hyperbolic systems and to
interest some of the students
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Lecture notes in fluid

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A Mathematical Introduction

to Fluid Mechanics. By A.

CHORIN and J. MARSDEN.

Springer, 1979. 205 pp.

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engineering, oceanography,
and meteorology for
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understanding demands
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1978. The goal of the course
was not to provide an
exhaustive account of fluid
mechanics, nor to assess the***

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