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JOURNAL OF COMPUTATIONAL PHYSICS 39, 201-225 (1981) Volume of Fluid (VOF) Method for the Dynamics of Free Boundaries* C. W. HIRT AND B. D. NICHOLS Los Alamos Scientific Laboratory, Los Alamos, New Mexico 87545 Received November 1, 1979 Several methods have been previously used to approximate free boundaries in finite- difference numerical simulations.

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Books. Pozrikidis, C. (1992) Boundary Integral and Singularity Methods for Linearized Viscous Flow. Cambridge University Press. Pozrikidis, C. (1997, 2011) Introduction to Theoretical and Computational Fluid Dynamics. First Edition (1997), Second Edition (2011), Oxford University Press. Pozrikidis, C. (1998, 2008) Numerical Computation in Science and Engineering.

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Aerodynamics - Wikipedia

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