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FIG. 2. - An arbitrary region of fluid divided up into small rectangular elements (depicted only in two dimensions). FIG. 3. - Surface force on

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an arbitrary small surface element embedded in the fluid, with area  $\Delta A$  and normal  $n$ .  $F$  is the force exerted by the fluid on side 1, on the fluid on side 2.

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An Introduction to Fluid Dynamics, by S. Middleman, John Wiley, New York (1998). 513 pages. ISBN 0-471-18209-5. Robert P. Mun. School of Chemical Engineering Curtin University of Technology. Search for more papers by this author. Robert P. Mun.

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