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P. G. Drazin and W. H. Reid

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MOTION PICTURE INDEX

In the 1960s the Education Development Center produced several films for the National Committee for Fluid Mechanics Films. It made 16mm sound films, each one taking about 30 minutes to project, and 8mm (super, standard or both) film loops in cassettes, each taking typically four minutes. Most of the loops contain edited excerpts from the long films. Many of the films are of demonstrations and experiments of hydrodynamic instability, and most of these are excellent. The long films are for hire or sale, and the loops for sale.[†] They are distributed in the United States and many other countries by the Encyclopaedia Britannica Educational Corporation, 310 South Michigan Avenue, Chicago, Illinois 60604, and elsewhere by some special distributors.

16mm Films

Bryson, A. E. (F1967). *Waves in fluids*. B/W-No. 21611. [p. 20.]

Long, R. R. (F1968). *Stratified flow*. Color-No. 21618. [p. 22.]

Mollo-Christensen, E. L. (F1968). *Flow instabilities*. Color-No. 21619. [pp. 14, 31.]

Stewart, R. W. (F1968). *Turbulence*. Color-No. 21626. [p. 4.]

Trefethen, L. M. (F1965). *Surface tension in fluid mechanics*. Color-No. 21610. [p. 27.]

8mm Film Loops

Brown, F. N. M. (FL1964). *Stages of boundary-layer instability and transition*. B/W-No. S-FM092. [p. 239.]

Bryson, A. E. (FL1967). *Small-amplitude gravity waves in an open channel*. B/W-No. S-FM139. [p. 20.]

[†] The loops and long films are no longer available, but the long films have been copied on to videos which are for sale now (2003).

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- Coles, D. (FL1963b). *Examples of turbulent flow between concentric rotating cylinders.* B/W-No. S-FM032. [pp. 108, 447.]
- Dattner, A. (FL1963). *Current-induced instabilities of a mercury jet.* B/W-No. S-FM046. [p. 340.]
- Fultz, D. (FL1964). *Inertia oscillations in rotating fluid.* B/W-No. S-FM044. [pp. 77, 121.]
- Fultz, D., Kaylor, R. & Hide, R. (FL1965). *Buoyancy-induced waves in rotating fluid.* Color-No. S-FM043. [p. 334.]
- Lippisch, A. M. (FL1964). *Tollmien-Schlichting waves.* B/W-No. S-FM023. [p. 239.]
- Mollo-Christensen, E. L. (FL1968a). *Examples of flow instability (Part I).* Color-No. S-FM146. [p. 33.]
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- Mollo-Christensen, E. L. & Wille, R. (FL1968). *Examples of flow instability (Part II).* Color-No. S-FM147. [p. 22.]
- Stewart, R. W. (FL1968). *Laminar and turbulent pipe flow.* Color-No. S-FM134. [p. 4.]
- Trefethen, L. M. (FL1965). *Breakup of liquid into drops.* Color-No. S-FM076. [p. 27.]

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