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Cover  Expanding soap film catenoid. (Left) The catenoid expands as the wire rings are separated. (Middle) The surface film ruptures. (Right) After rupture, vibrating film remains attached to each ring, and a residual droplet breaks away. Film speed, 2000 frames per second. [From a science fair project by Barbara Jean R. Jones, Governor Livingston Regional High School, Berkeley Heights, N.J.]
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