

Demonstration of a wave echo in a magnetized electron-plasma vortex. The images are of density perturbations at successive times. At (a), an initial wave is excited and then dies away by Landau damping in (b) & (c). A second wave is launched at time (d), damping away in (e-g). By (h), the initial inviscid wave damping has reversed, spontaneously forming the echo shown. See article 025005.



PHYSICAL REVIEW LETTERS

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0031-9007(20050121)94:2;1-Q

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