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**COVER**

Power as observed in solar 5-minute oscillations with frequency ν (from about 1.3 mHz at bottom to 5.7 mHz at top and degree l (from about 7 on left to 170 on right). The narrow ridges of concentrated power (shown by the lighter tones) corresponds to theoretically predicted acoustic resonances in the sun. Analysis of observed frequencies permits study of the structure and dynamics of the solar interior. See page 923. [T. L. Duvall, Jr., and J. W. Harvey, National Solar Observatory, P.O. Box 26732, Tucson, Arizona 85726]