

FIG. 2. Bach's First Brandenburg Concerto (linear scales). (a) Spectral density of audio signal,  $S_V(f) vs f$ ; (b) spectral density of audio power fluctuations,  $S_V 2(f) vs f$ .

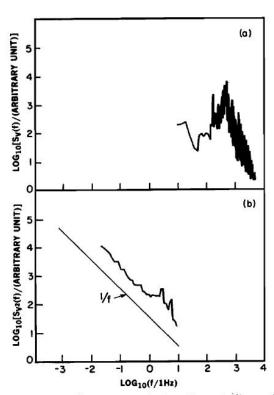
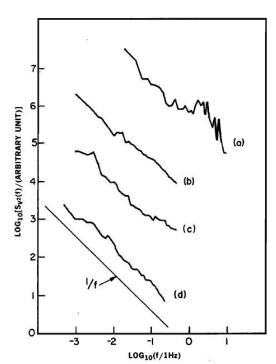


FIG. 3. Bach's First Brandenburg Concerto (log scales). (a)  $S_{V}(f) vs f$ ; (b)  $S_{V2}(f) vs f$ .



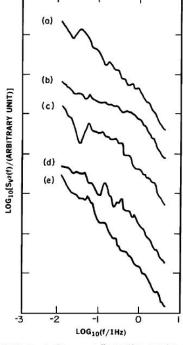


FIG. 4. Spectral density of audio power fluctuations,  $S_V 2(f)$  vs f for (a) Scott Joplin piano rags; (b) classical radio station; (c) rock station; and (d) news and talk station.

FIG. 6. Audio power fluctuation spectra densities,  $S_V^2(f)$  vs f for (a) Davidovsky's Synchronism I, II, and III, (b) Babbit's String Quartet number 3; (c) Jolas' Quartet number 3; (d) Carter's Piano concerto in two movements; and (e) Stock-hausen's Momente.

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