Acoustic Noise Generation using Mathematica DWIGHT RUS-
SELL, Baylor University — Mathematica has the ability to produce a variety of
sound including noise. Both time domain and frequency domain methods will be
presented for generating noise. In particular a somewhat different method with a
waveform constructed using a random discrete variation in frequency will be dis-
cussed. The "quality" of the noise generated, white noise, pink noise etc., will also
be considered.

Dwight Russell
Baylor University

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