

Abstract Submitted
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Sound Representation of Physical Phenomena DWIGHT RUSSELL,
Department of Physics and CASPER, Baylor University — Using Mathematica as
a platform for generating sounds, physical systems can be represented by sound.
These sounds are audio equivalents to visual graphs. Examples will include the hy-
drogen atom, Nyquist theorem, 1-D Brillouin zones and the difference in phenomena
requiring discrete frequencies and those requiring broadband representation.

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