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 hydrogen atom, Nyquist theorem, 1-D Brillouin zones and the difference in phenomena requiring discrete frequencies and those requiring broadband representation.

Dwight Russell
Baylor University

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