

21M.380 MUSIC AND TECHNOLOGY

SOUND DESIGN

READING ASSIGNMENT 7 (RD7)

ADDITIVE SYNTHESIS

DUE: MONDAY, MARCH 28, 2016, NOON
SUBMIT TO: MIT LEARNING MODULES ▶ ASSIGNMENTS
0.5% OF TOTAL GRADE

1 Materials to study

Farnell, Andy (2010). "Technique 1. Summation." In: *Designing Sound*. Cambridge, MA and London: MIT Press. Chap. 17, pp. 267–75. ISBN: 978-0-262-01441-0. MIT LIBRARY: [001782567](#). Hardcopy and electronic resource.

2 Questions to respond to

1. Which limitations and disadvantages does additive synthesis have? List a few examples. For each, describe how this specific problem can be overcome.

3 Guidelines

- Your answers need not be very extensive (a short paragraph per question is enough), but they should demonstrate that you have actually read the article and understood its main points.
- Try to be concise and pay attention to form, grammar, spelling, etc.

MIT OpenCourseWare
<http://ocw.mit.edu>

21M.380 Music and Technology: Sound Design
Spring 2016

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.