Tune-Up Tuesday #10 for November 13, 2018

What happens when we convolve two rectangular pulses in continuous time?

***Answer*:** Triangular pulse if the two rectangular pulses have the same width.  See

<http://users.ece.utexas.edu/~bevans/courses/signals/handouts/Appendix%20E%20Convolution%20Example.pdf>

Trapezoid if the two rectangular pulses have different widths.

In lecture on November 13, 2018, I had run the continuous-time convolution demo in MATLAB from Signal Processing First to convolve two rectangular pulse with the same widths and with different widths. The continuous-time convolution demo is available at

<http://dspfirst.gatech.edu/matlab/ZipFiles/cconvdemo-v218.zip>

This link is available from the GUIs link at the top of the Web site for the book

<http://dspfirst.gatech.edu/>