Sawtooth Function

Generate 5 periods of a sawtooth wave with a frequency of 50 Hz and with a sample rate of 1 kHz.

$$T := 5 \, (1/50)$$
$$Fs := 1000$$
$$dt := 1/Fs$$
$$t := curve2d(x, 0, T-dt, 400)$$
$$t0 := col2vec(t, 0)$$
$$x := sawtooth(2 \, \pi \cdot 50 \; t0)$$
$$a := join \; mat \; cols(t0, x)$$

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