Triangle History Generation

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The last two words will be replaced with a value close to 0V (0x0800) when programmed, since we cannot program the initial DAC output.

```
In [3]: g(t) = -0.45 * (0.9 * sin(t * 2.5*3\pi / 2) * atan(8\pi * t)
- 0.1 * abs(atan(sec(t * 20\pi))) - 0.5 * abs(atan(cot(t * 5\pi)))
+ 0.02 * cos(100\pi * t)) - 0.4;
ts = (0:n-1) / (n-1);
gs = g.(ts);
plot(ts, gs, xlim=(0, 1),
xlabel = "Nondimensionalized delay time",
ylabel = "Nondimensionalized amplitude (±1)",
label = "History Signal", legend=:topleft)
Out[3]:
```

