

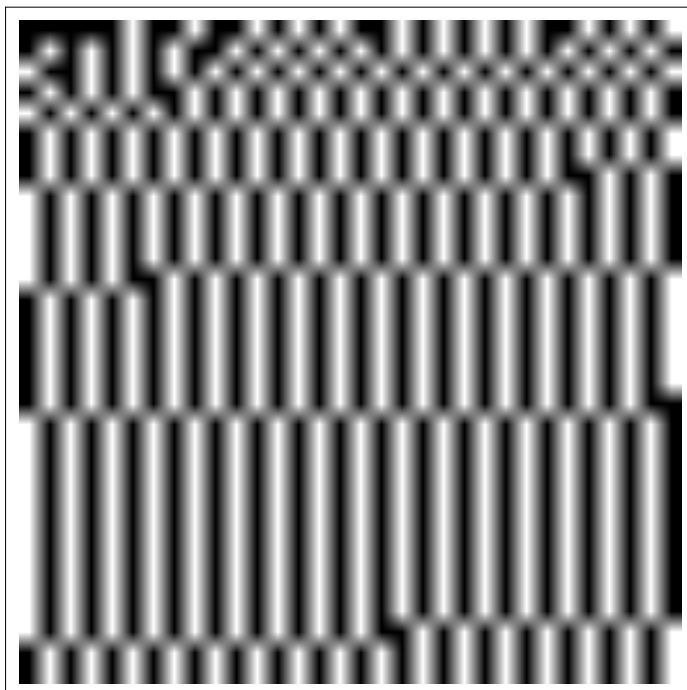
Pensieve header: A convergent but absolutely divergent series can be summed to whatever we wish.

$$a[n_] := \frac{(-1)^n}{\text{Log}[n+2]}$$

```
Manipulate[
  s = 0; k0 = 0; k1 = 0;
  ArrayPlot[Partition[Table[
    If[s < w,
      ++k0; s += a[2 k0]; 0,
      ++k1; s += a[2 k1 - 1]; 1
    ],
    {1024}
  ], 32]],
  {w, -5, 5}
]
```



```
DynamicModule[{w = -2.78}, s = 0;
  k0 = 0;
  k1 = 0;
  ArrayPlot[Partition[Table[If[s < w, ++k0;
    s += a[2 k0];
    0, ++k1;
    s += a[2 k1 - 1];
    1], {1024}], 32]]]
```



`Ceiling[16/3]`

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