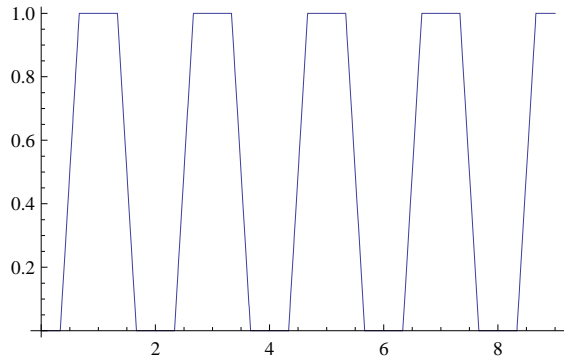


```

f[t_] /; 0 ≤ t ≤ 1/3 := 0;
f[t_] /; 1/3 < t < 2/3 := 3 t - 1;
f[t_] /; 2/3 ≤ t ≤ 1 := 1;
f[t_] /; 1 < t < 2 := f[2 - t];
f[t_] /; t ≥ 2 := f[2 FractionalPart[t/2]];

```

```
Plot[f[t], {t, 0, 9}]
```



```

x[n_, t_] := Sum[1/2^k f[3^(2k-2) t], {k, 1, n}];
y[n_, t_] := Sum[1/2^k f[3^(2k-1) t], {k, 1, n}];
Peano[n_] := ParametricPlot[{x[n, t], y[n, t]}, {t, 0, 1}]

```

```
Table[Peano[n], {n, 4}]
```

