10-31-1

→ also m rows cells
n cols cells

A ~~$\mathcal{S}$~~ (m,n) binary strip will be $m+1$ rows, $n+1$ columns with left and right columns all zero. $m \geq 0$, $n \geq 0$ ($n \geq 1$ nontrivial)

Given (m,n) mosaic M, let $\mathcal{S}(M)$ (aka f) be the binary strip associated.

Given (m,n) binary strip S with top & bottom rows all zeros, $\mathcal{M}(S)$ will be the corresponding mozaic.

$\mathcal{M} \circ \mathcal{S}$: replaces all tiles not in a polygon by T_0

$\mathcal{S} \circ \mathcal{M}$: when defined, is the identity.

Given binary ~~st~~ strip S,

$\overline{S}$ the binary strip by adding top row zeros

$\underline{S}$ add bottom zeros

($\underline{\overline{S}}$ clear)