

$\mathbf{x}_1 \leftarrow 0$

\vdots

$y_2 \leftarrow \dots$

\vdots

$\mathbf{x}_2 \leftarrow \dots$

$\mathbf{x}_3 \leftarrow \phi(\mathbf{x}_1, \mathbf{x}_2)$

\vdots

$y_1 \leftarrow \dots$

\vdots

if $\mathbf{x}_3 > 0$

$y_3 \leftarrow \phi(y_2, y_1)$

\vdots

$\leftarrow y_3$

\vdots

$\leftarrow y_1$