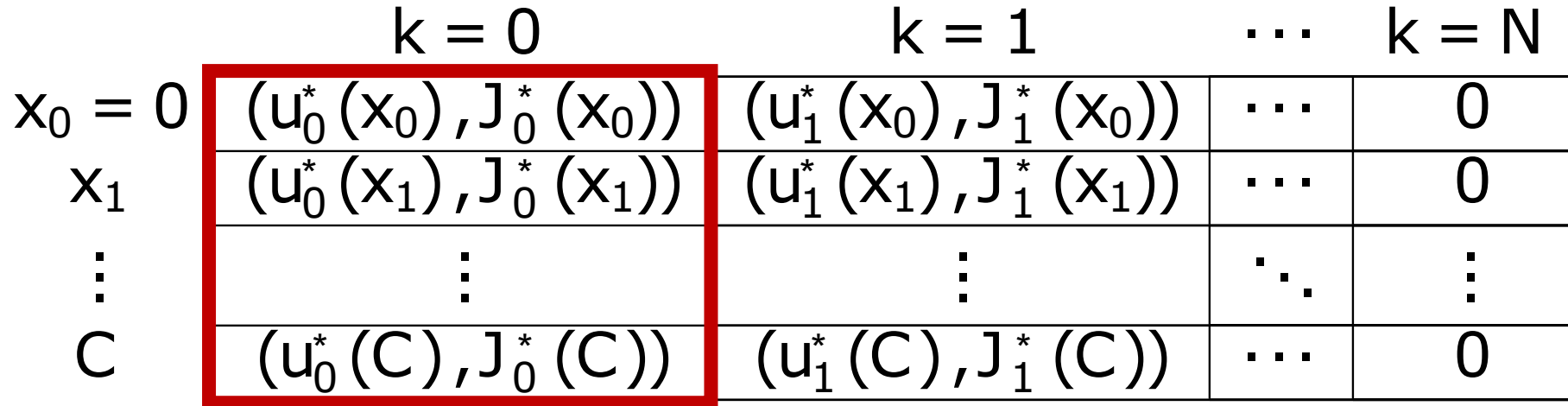


DP Algorithm



The diagram illustrates a DP algorithm table with a feedback loop. A blue arrow at the top points left, labeled 'DP Algorithm'. The table has columns for $k = 0$, $k = 1$, \dots , and $k = N$. The rows are labeled $x_0 = 0$, x_1 , \vdots , and C . The first column ($k = 0$) is highlighted with a red box. A red arrow originates from the bottom of this box and points to the right, indicating a feedback loop for value iteration.

	$k = 0$	$k = 1$	\dots	$k = N$
$x_0 = 0$	$(u_0^*(x_0), J_0^*(x_0))$	$(u_1^*(x_0), J_1^*(x_0))$	\dots	0
x_1	$(u_0^*(x_1), J_0^*(x_1))$	$(u_1^*(x_1), J_1^*(x_1))$	\dots	0
\vdots	\vdots	\vdots	\ddots	\vdots
C	$(u_0^*(C), J_0^*(C))$	$(u_1^*(C), J_1^*(C))$	\dots	0

Feedback loop for Value Iteration