

Table [$K \rightarrow V_3 [K]$, $\{K, \text{AllKnots}@\{3, 7\}\}$]

$\{3_1 \rightarrow -1, 4_1 \rightarrow 0, 5_1 \rightarrow -5, 5_2 \rightarrow -3, 6_1 \rightarrow 1, 6_2 \rightarrow 1, 6_3 \rightarrow 0,$
 $7_1 \rightarrow -14, 7_2 \rightarrow -6, 7_3 \rightarrow 11, 7_4 \rightarrow 8, 7_5 \rightarrow -8, 7_6 \rightarrow -2, 7_7 \rightarrow -1\}$