

$$\begin{array}{c}
\begin{array}{ccccccccc}
& g''_{n-3} & g''_{n-2} & g''_{n-1} & g''_n & g''_{n+1} & & & \\
& \vdots & \vdots & \vdots & \vdots & \vdots & & & \\
& g'_{n-3} & g'_{n-2} & & & g'_{n+1} & & & \\
& \vdots & \vdots & & & \vdots & & & \\
\cdots & \bullet & \bullet & \bullet & \bullet & \bullet & \cdots & & \\
& g_{n-3} & g_{n-2} & g_{n-1} & g_n & g_{n+1} & & &
\end{array}
&
T_{\sigma_{n-1} \mathbf{u}, \sigma_{n-1} \mathbf{s}} = &
\begin{array}{ccccccccc}
& g''_{n-3} & g''_{n-2} & g''_{n-1} & g''_n & g''_{n+1} & & & \\
& \vdots & \vdots & \vdots & \vdots & \vdots & & & \\
& \cdots & \cdots & \cdots & \cdots & \cdots & & & \\
& \hat{g}'_{n-3} & \hat{g}'_{n-2} & & & \hat{g}'_{n+1} & & & \\
& \vdots & \vdots & & & \vdots & & & \\
& \hat{g}'_{n-1} & \hat{g}'_n & & & & & & \\
& \vdots & \vdots & & & \vdots & & & \\
& \hat{g}'_{n-3} & \hat{g}'_{n-2} & & & \hat{g}'_{n+1} & & & \\
& g_{n-3} & g_{n-2} & g_{n-1} & g_n & g_{n+1} & & &
\end{array}
\end{array}$$

The diagram illustrates a transformation of a tiling configuration. On the left, a horizontal blue line labeled $T_{\mathbf{u}, \mathbf{s}}$ passes through a grid of vertical gray lines. The grid is labeled with g'' above and g below. At the intersection of the blue line and the vertical line g_{n-1} , a red line segment is shown. At the intersection of the blue line and the vertical line g_n , a green line segment is shown. These two segments cross each other at a point labeled $P(n)$. The right side of the equation shows the result of applying the transformation $T_{\sigma_{n-1} \mathbf{u}, \sigma_{n-1} \mathbf{s}}$. The horizontal blue line is now labeled \hat{g}' and the vertical gray lines are labeled \hat{g}' . The crossing point $P(n)$ is now at the intersection of the horizontal line and the vertical line g_n .