$$\begin{array}{c}
\frac{3}{4}\hat{\lambda}_{i} + \frac{1}{4}\hat{\lambda}_{i-1} & \frac{1}{2}(\hat{\lambda}_{i-1} + \hat{\lambda}_{i-2}) \\
3\hat{\lambda} & \tilde{\Gamma}^{(i)} & 1\hat{\hat{\mathbf{M}}} & 1 & \tilde{\Gamma}^{(i-1)} & \bullet \\
1 & \hat{\Gamma}^{(i-1)} & \hat{\Gamma}^{(i-1)}$$

Figure 1: Choice of the curves  $\tilde{\Gamma}^{(i)}$  and  $\tilde{\Gamma}^{(i-1)}$  in the proof of Theorem ??.