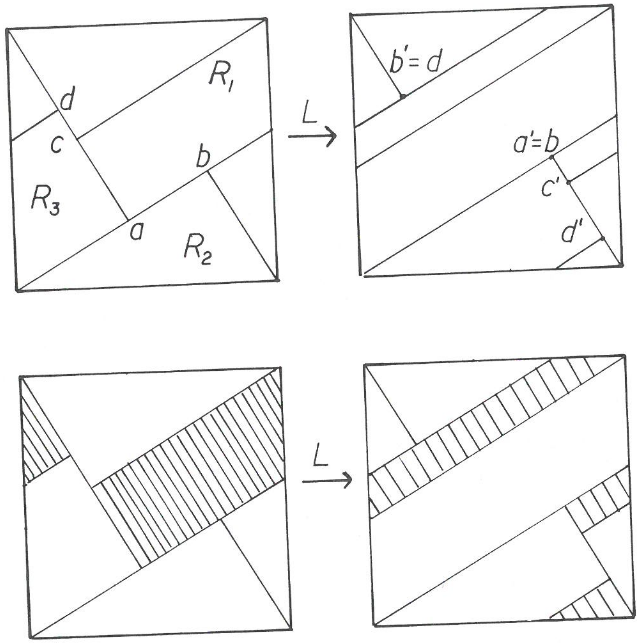

Fig. 4.3.

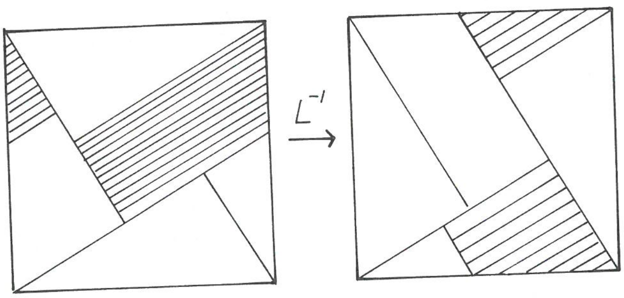

Fig. 4.4. The action of L on the Markov partition.

There are obvious problems with this, however. For one thing, none of the fixed points $(\ldots 111 \ldots)$, $(\ldots 222 \ldots)$, and $(\ldots 333 \ldots)$ are allowed sequences in Σ_B, yet we know that there is a fixed point in T, namely $[0]$. Moreover, there is an ambiguity in our assignment of sequences when the point or one of its images lies on one of the boundaries of a rectangle.

To remedy these problems, we will work with a *quotient* of the subshift. Suppose a point p lies on the stable boundary of $R_2 \cap R_3$. Let $S(p) =$