

Fig. 4. The set of tiles and the axiom for  $G_1$ .

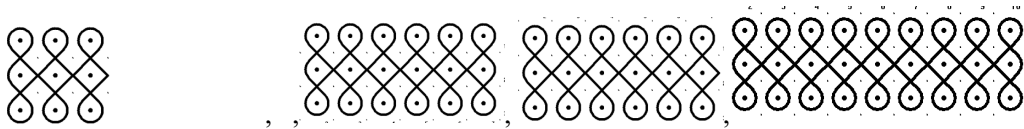


Fig. 5. A sequence of Border kambi kolam patterns.

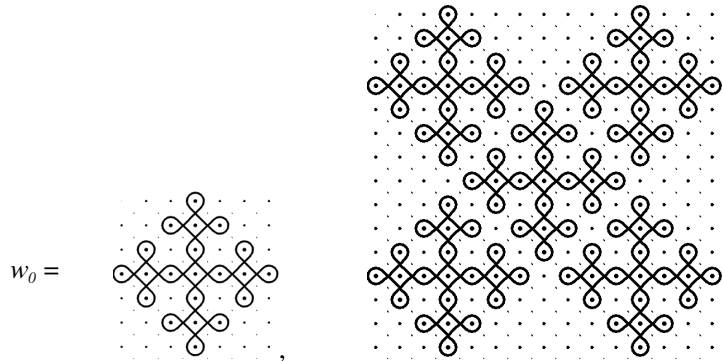


Fig. 6. The first two members by EPS  $H_1$ .

decorated square tiles and  $w_0$  is the axiom as shown in Fig. 4. The first four members of the tiling patterns (Border kambi kolam) generated by sequential derivation from the axiom tile is shown in Fig. 5. The patterns engraved on the tiles are highlighted in the derivation of new patterns and not the bounding edges of the pasted tiles. It can be noted that the first and third members in the sequence do not have the smooth curves in the boundary. The PS generates the set of patterns as defined by the pasting rules and it has no control mechanism to generate certain desired patterns. The Extended Pasting System however, has a control