

Fig. 19. Conversion into linear diagram.

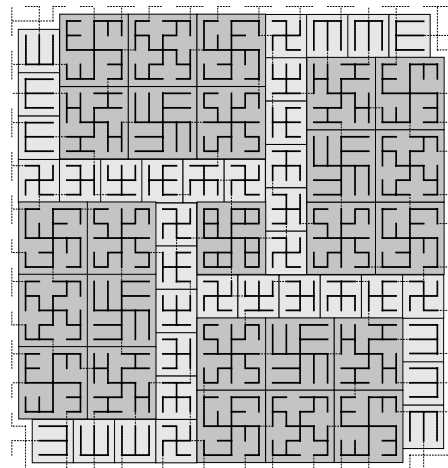


Fig. 20. Swastika units organized in rotational symmetry removing joints and border frills.

(4) Finally, it can be reduced to a small pattern, which is regarded as the framework of Diamond Carpet (Fig. 23-left). Furthermore, this pattern is predicted to be simplified to the pattern consisting of 8 rectangles combined in swastika-shape on 5×5 array of points (Fig. 23-right), though the procedures are not formulated yet. This pattern is extracted through the above process for the first time ever, as far as I know, it is one of the most beautiful patterns with an attractive and simple as well as a complex composition.