

## A Supplementary Material:

AN ALTERNATIVE PROOF FOR AN APERIODIC MONOTILE

SHIGEKI AKIYAMA AND YOSHIAKI ARAKI

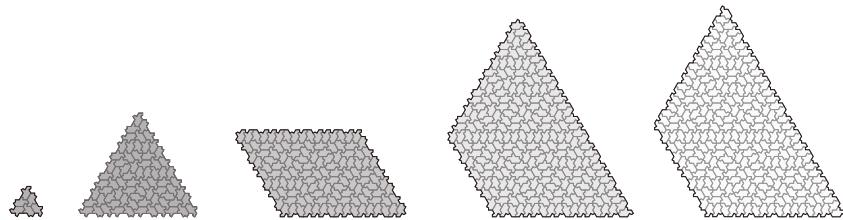


FIGURE S1. The patch-tiles ( $T_3$ ,  $T_4$ ,  $PD_4$ ,  $ZD_4$ ,  $ZT_4$ )

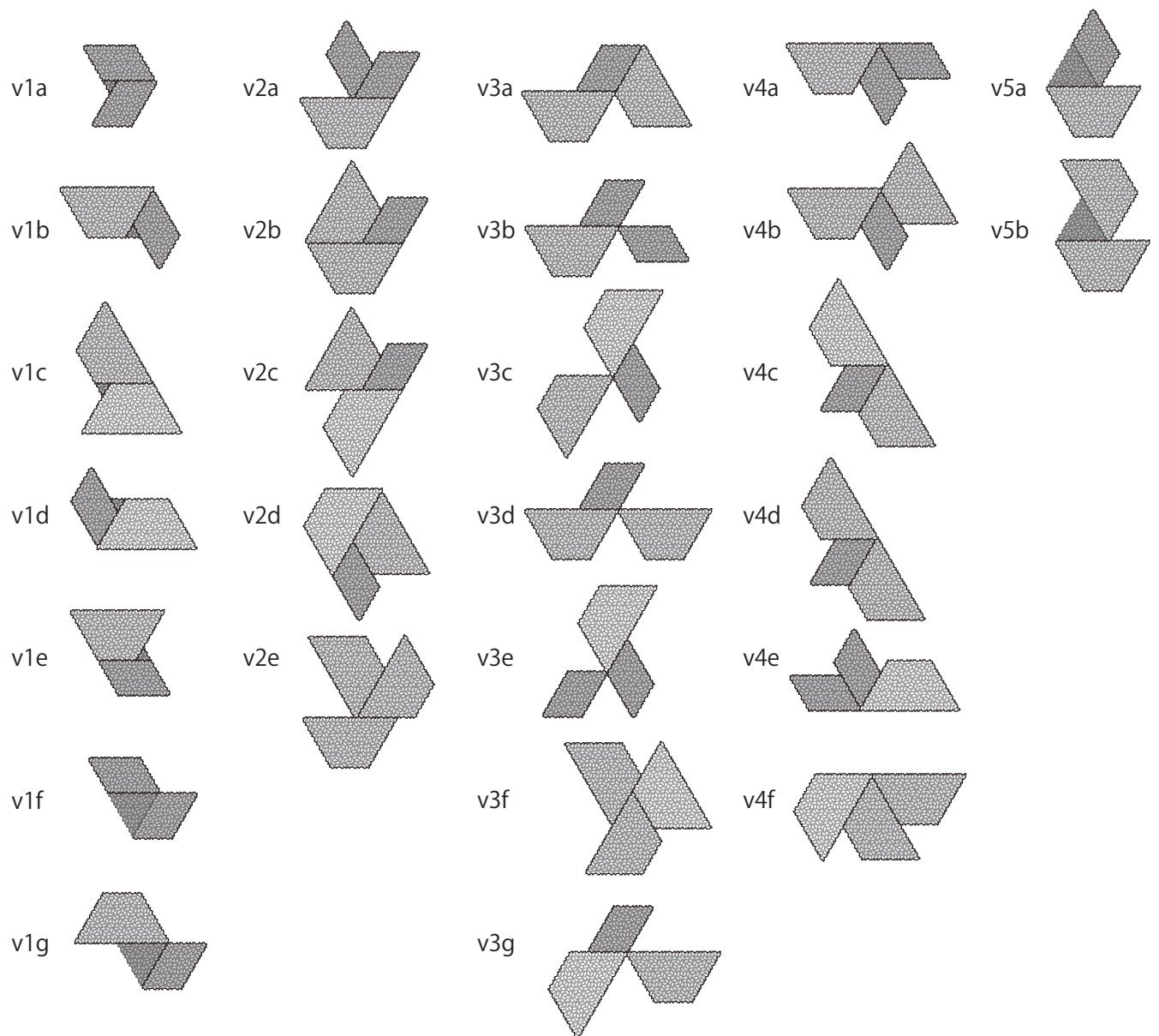


FIGURE S2. Vertex atlases

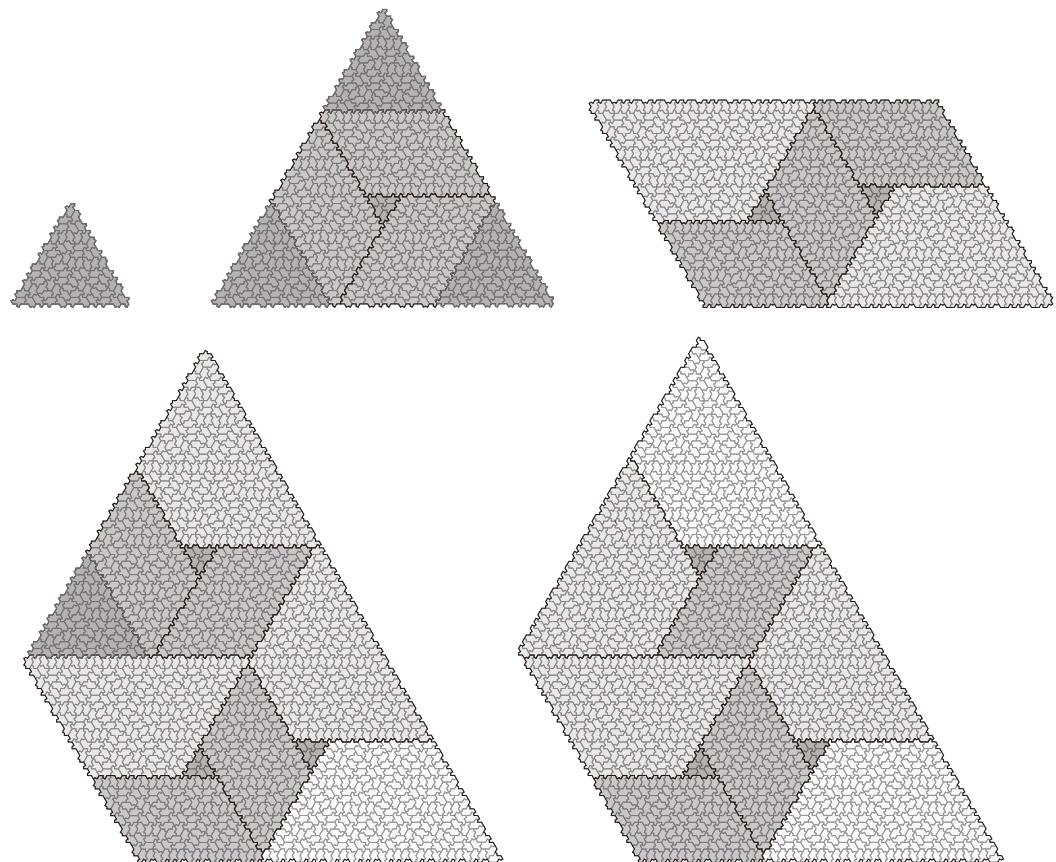


FIGURE S3. The patch-tiles ( $T_4$ ,  $T_5$ ,  $PD_5$ ,  $ZD_5$ ,  $ZT_5$ )

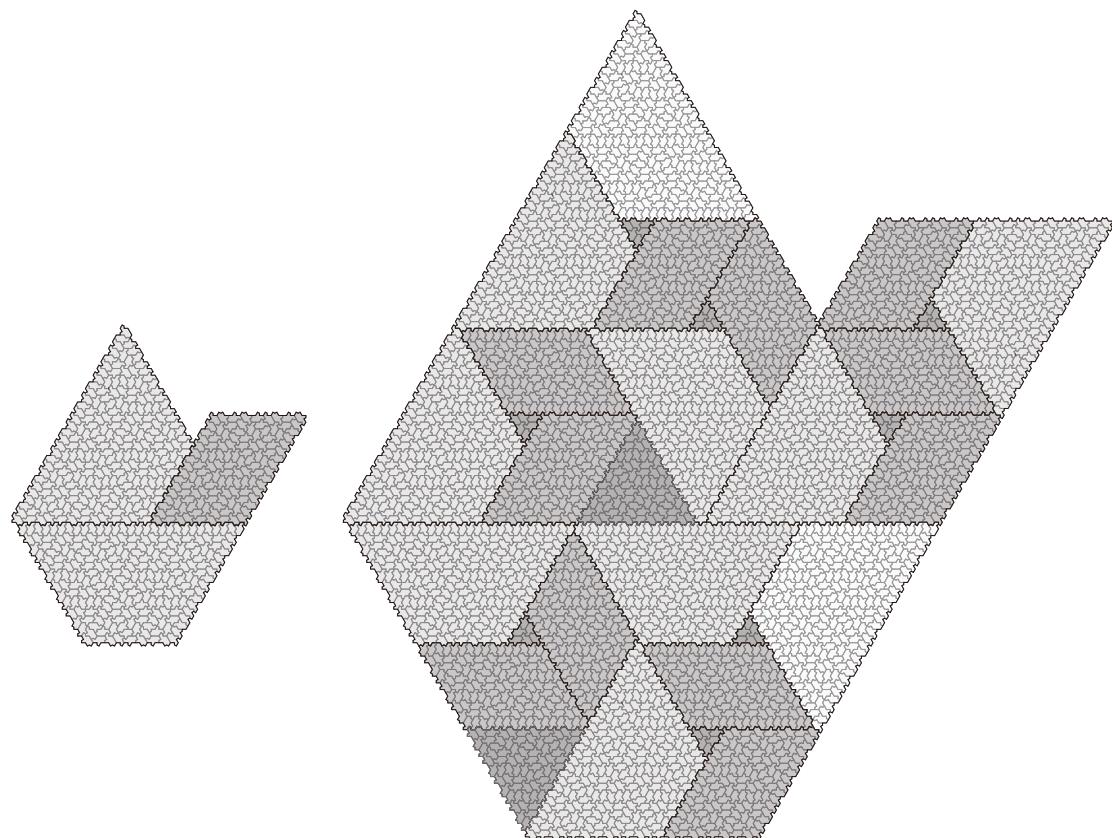


FIGURE S4. The 4th and 5th level of the Vertex atlas v2b

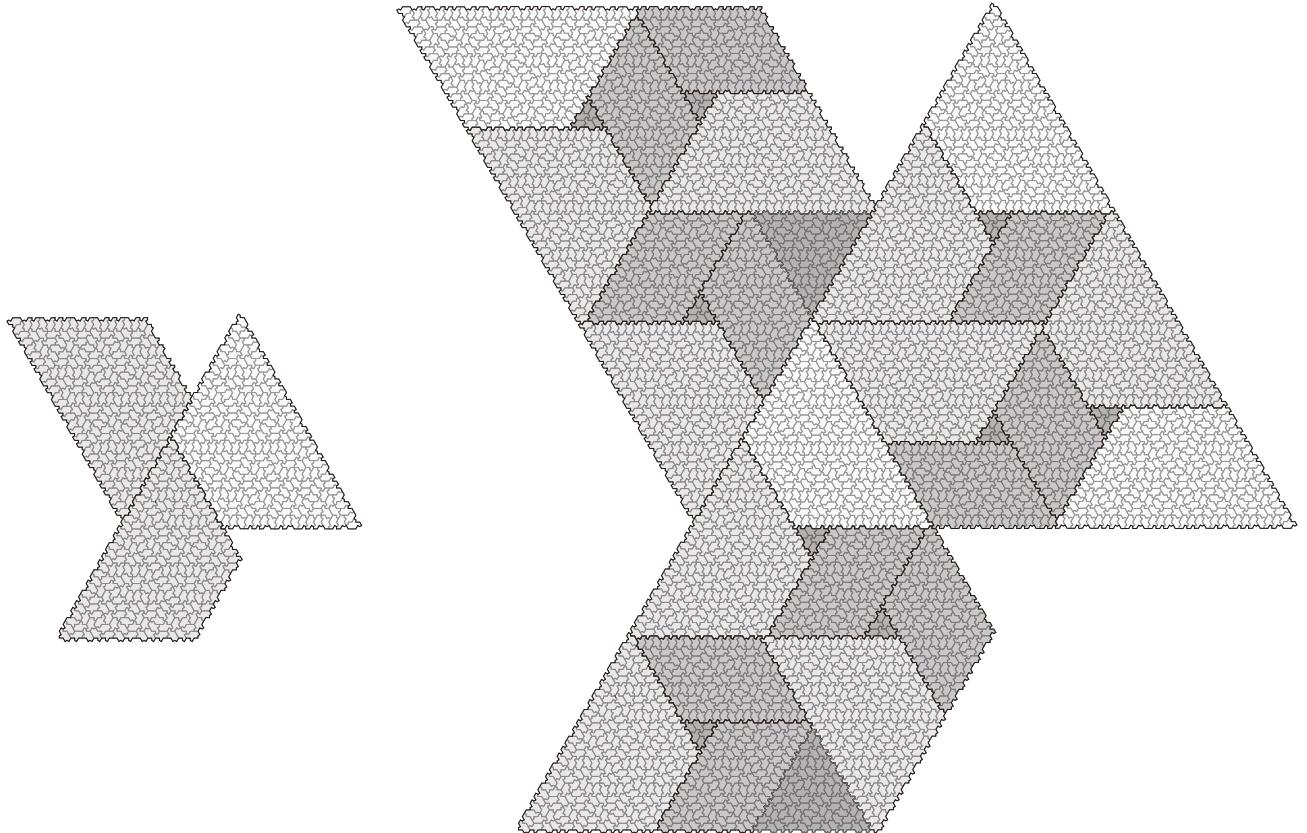


FIGURE S5. The 4th and 5th level of the Vertex atlas v3f

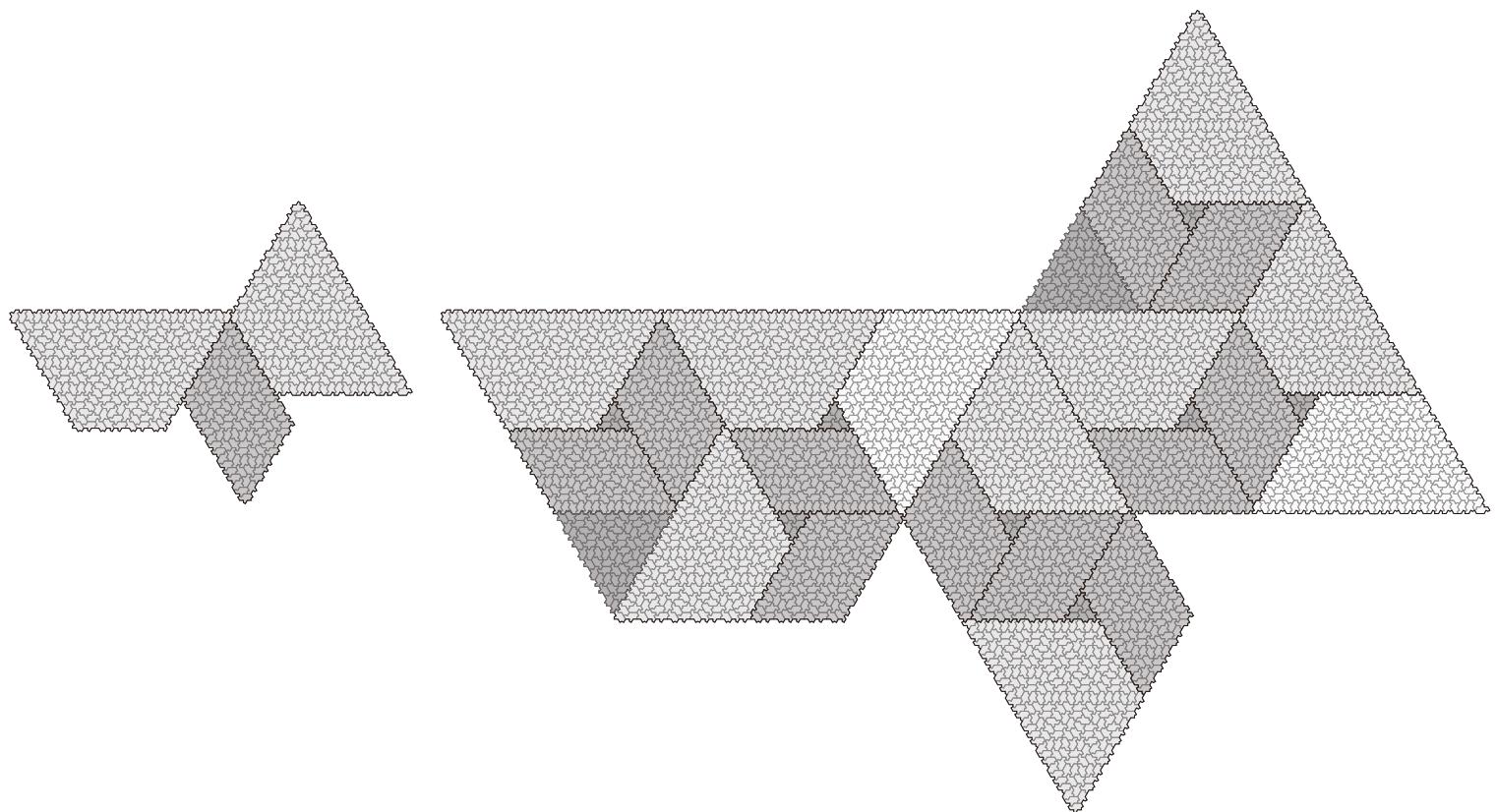


FIGURE S6. The 4th and 5th level of the Vertex atlas v4b