



FIGURE 1.2. Extremist flip process of order three works as follows: if the drawn graph has two or three edges we replace it with the triangle and otherwise we replace it by the edgeless graph. Consider a class of step graphons $\{U_{x,y} : x, y \in [0, 1]\}$ with steps Ω_1, Ω_2 of measure $1/2$, where $U_{x,y}$ takes value x on $\Omega_1^2 \cup \Omega_2^2$ and value y elsewhere. We represent $U_{x,y}$ by a point $(x, y) \in [0, 1]^2$. It turns out that trajectories starting in this class do not leave it. The arrows in the diagram depict the tangent vectors of such trajectories. The red line is the trajectory from initial graphon $U_{0.95,0.18}$ with diamond markers showing the positions along the trajectory at times $t = 0, t = 0.2, \dots, t = 1.4$; the graphon represented by each marker is plotted in grayscale underneath the diagram. The blue line is similar, from initial graphon $U_{0.95,0.15}$.