When $b \neq 1$ and $a > b$,

$$f_{\widetilde{E}(a,b,0)}(t) = \begin{cases} \widetilde{E}(a, b, a+b-t^3) & \arg t = 0, \\ \widetilde{E}(a-b, b, t^3-b) & 0 < \arg t < \frac{1}{3}\pi, \\ \widetilde{E}(a, a+b, a+b-t^3) & \arg t = \frac{1}{3}\pi, \\ \widetilde{E}(a, b, -t^3) & \frac{1}{3}\pi < \arg t < \frac{2}{3}\pi, \\ \widetilde{E}(a+b, b, a+b+t^3) & \arg t = \frac{2}{3}\pi, \\ \widetilde{E}((a/b), b-(a/b), a+t^3) & \frac{2}{3}\pi < \arg t < \pi, \\ \widetilde{E}(a, b, a+b+t^3) & \arg t = \pi, \\ \widetilde{E}(a-b, b, -t^3-b) & \pi < \arg t < \frac{4}{3}\pi, \\ \widetilde{E}(a, a+b, a+b+t^3) & \arg t = \frac{4}{3}\pi, \\ \widetilde{E}(a, b, t^3) & \frac{4}{3}\pi < \arg t < \frac{5}{3}\pi, \\ \widetilde{E}(a+b, b, a+b-t^3) & \arg t = \frac{5}{3}\pi, \\ \widetilde{E}((a/b), b-(a/b), a-t^3) & \frac{5}{3}\pi < \arg t < 2\pi. \end{cases}$$

For each $\widetilde{E}(a,b,0)$ of type IV, the map $f_{\widetilde{E}(a,b,0)}$ gives rise to a two-fold branched covering;

$$f_{\widetilde{E}(a,b,0)}(t) = f_{\widetilde{E}(a,b,0)}(-t).$$

Then $(f_{\widetilde{E}(a,b,0)}, D_\epsilon, \mathbb{Z}/2\mathbb{Z})$ gives rise to a local manifold cover of $\mathcal{ML}_{1,1}$ around $\widetilde{E}(a,b,0)$. In this way, the set $\mathcal{ML}_{1,1}$ is regarded as a complex V-manifold.

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When $a = b = 1$,

$$f_{\widetilde{E}(1,1,0)}(t) = \begin{cases} \widetilde{E}(0,1,1-t^3) & \arg t = 0, \\ \widetilde{E}(0,1,t^3-1) & 0 < \arg t < \frac{1}{3}\pi, \\ \widetilde{E}(1,2,2-t^3) & \arg t = \frac{1}{3}\pi, \\ \widetilde{E}(1,1,-t^3) & \frac{1}{3}\pi < \arg t < \frac{2}{3}\pi, \\ \widetilde{E}(2,1,2+t^3) & \arg t = \frac{2}{3}\pi, \\ \widetilde{E}(0,1,1+t^3) & \frac{2}{3}\pi < \arg t < \pi, \\ \widetilde{E}(0,1,1+t^3) & \arg t = \pi, \\ \widetilde{E}(0,1,-t^3-1) & \pi < \arg t < \frac{4}{3}\pi, \\ \widetilde{E}(1,2,2+t^3) & \arg t = \frac{4}{3}\pi, \\ \widetilde{E}(1,1,t^3) & \frac{4}{3}\pi < \arg t < \frac{5}{3}\pi, \\ \widetilde{E}(2,1,2-t^3) & \arg t = \frac{5}{3}\pi, \\ \widetilde{E}(0,1,1-t^3) & \frac{5}{3}\pi < \arg t < 2\pi. \end{cases}$$

When $b = 1$ and $a > b$,

$$f_{\widetilde{E}(a,1,0)}(t) = \begin{cases} \widetilde{E}(a,1,a+1-t^3) & \arg t = 0, \\ \widetilde{E}(a-1,1,t^3-1) & 0 < \arg t < \frac{1}{3}\pi, \\ \widetilde{E}(a,a+1,a+1-t^3) & \arg t = \frac{1}{3}\pi, \\ \widetilde{E}(a,1,-t^3) & \frac{1}{3}\pi < \arg t < \frac{2}{3}\pi, \\ \widetilde{E}(a+1,1,a+1+t^3) & \arg t = \frac{2}{3}\pi, \\ \widetilde{E}(0,1,a+t^3) & \frac{2}{3}\pi < \arg t < \pi, \\ \widetilde{E}(a,1,a+1+t^3) & \arg t = \pi, \\ \widetilde{E}(a-1,1,-t^3-1) & \pi < \arg t < \frac{4}{3}\pi, \\ \widetilde{E}(a,a+1,a+1+t^3) & \arg t = \frac{4}{3}\pi, \\ \widetilde{E}(a,1,t^3) & \frac{4}{3}\pi < \arg t < \frac{5}{3}\pi, \\ \widetilde{E}(a+1,1,a+1-t^3) & \arg t = \frac{5}{3}\pi, \\ \widetilde{E}(0,1,a-t^3) & \frac{5}{3}\pi < \arg t < 2\pi. \end{cases}$$