An example for Lemma **??**: K (black), $-K$ (dashed), $\underline{M}_0(K,-K)$ (orange), $\overline{M}_1(K,-K)$ (blue), $\overline{M}_3(K,-K)$ (red), $\overline{M}_\infty(K,-K)$ (dashdotted).

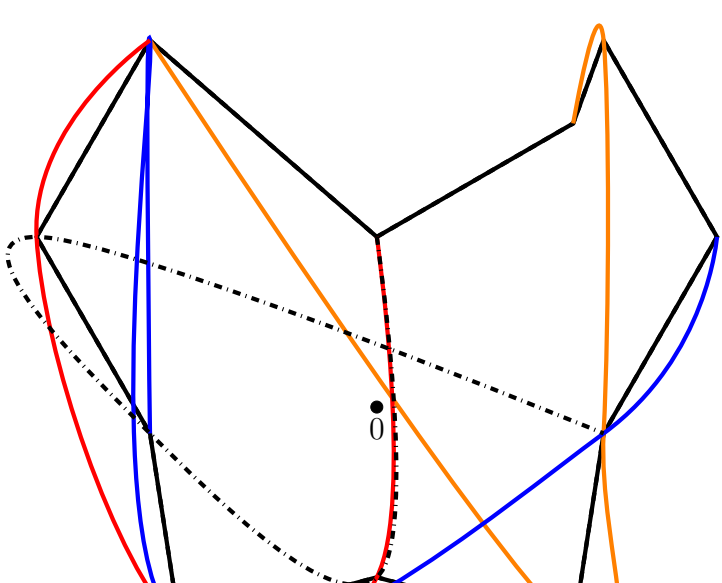

Figure 1:

The common boundary points of K and $-K$ are not boundary points of $\underline{M}_0(K,-K)$. Furthermore, the vertices of $\overline{M}_1(K,-K)$ are smooth boundary points of $\overline{M}_\infty(K,-K)$. By Lemma **??** (ii), $\overline{M}_p(K,-K)$ for $p>1$ is supported at each of these points by exactly one respective line that also supports K and $-K$. However, this does not mean that these points must belong to K or $-K$.