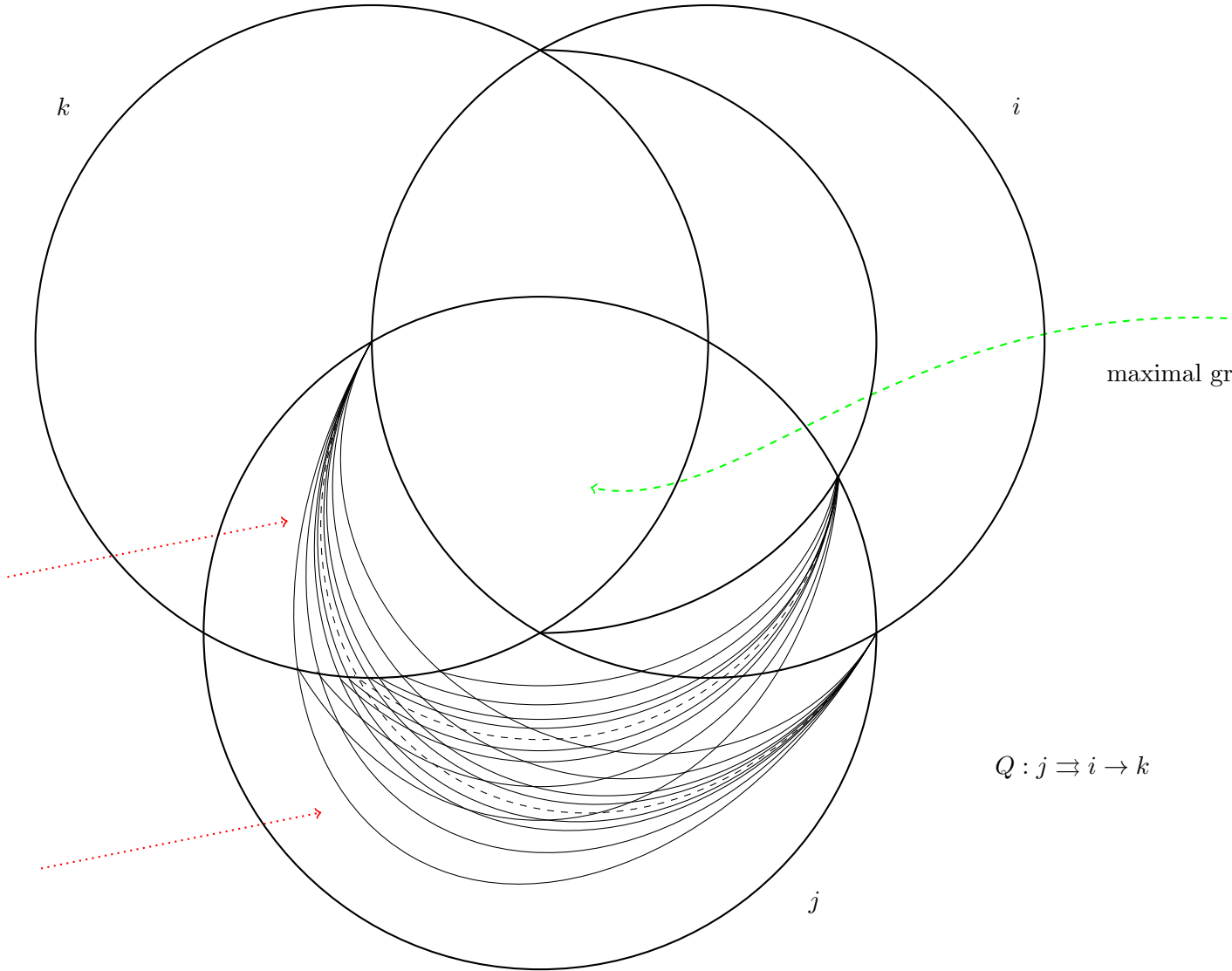
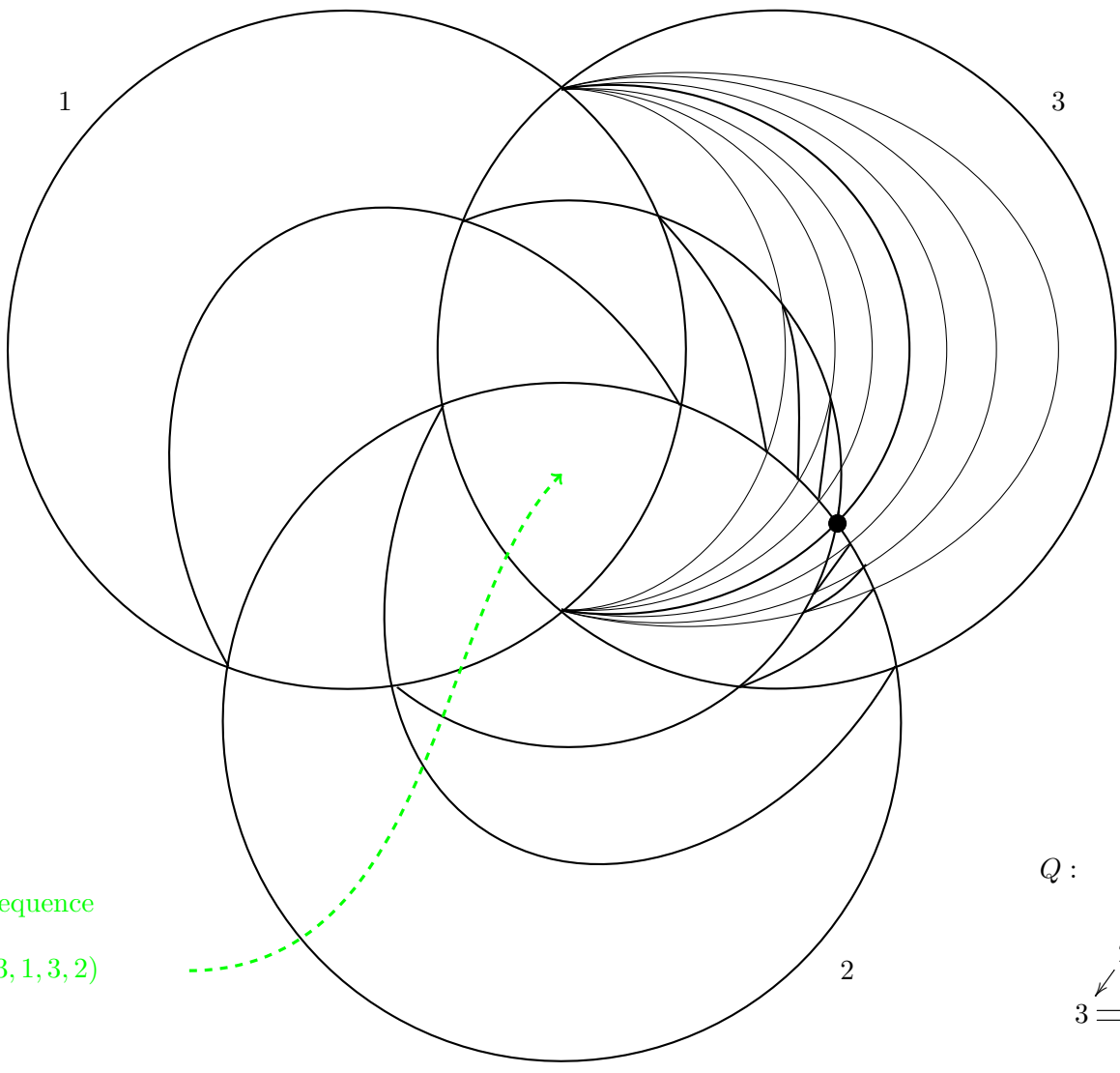


FIGURES IN COLOR

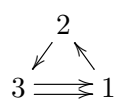




green sequence

(2, 3, 1, 3, 2)

Q:



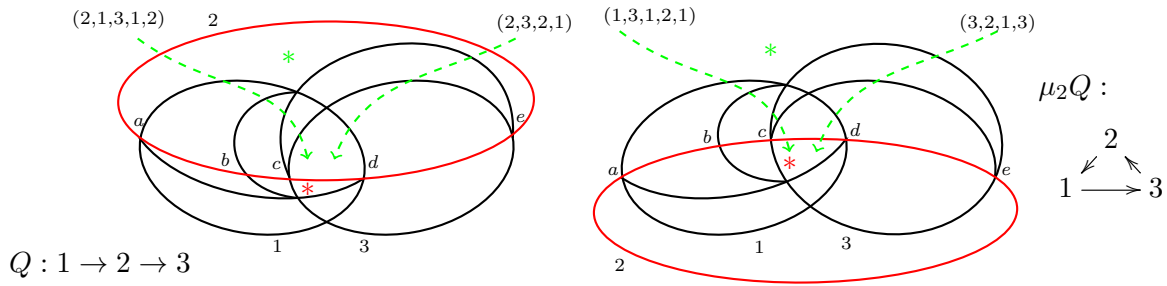


FIGURE 1. Two examples of the Rotation Lemma. In the picture for $\mu_2 Q$, all (black) curves keep the same curvature except for the (red) circle labelled 2.

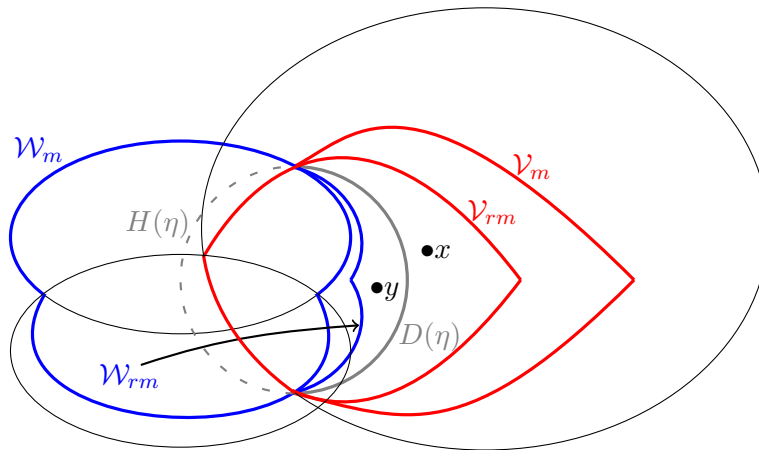


FIGURE 2. (Proof of ??) Since reddening sequences cannot cross $D(\eta)$, we need to cross r red walls (red in figure) to escape from any interior point $x \in \mathcal{V}_{rm}$ on the positive side of $D(\eta)$. We need to cross r red walls (blue in figure) to reach any interior point $y \in \mathcal{V}_{rm} \setminus \mathcal{W}_{rm}$ on the negative side of $D(\eta)$.