

# 1 Catalog

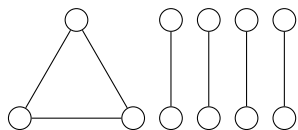


Figure 1:  $G_1$

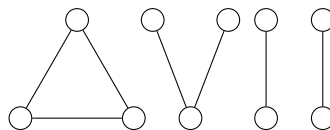


Figure 2:  $G_2$

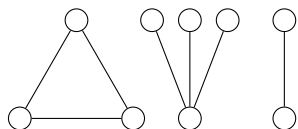


Figure 3:  $G_3$

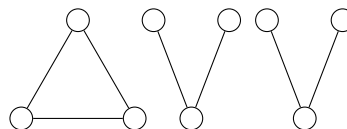


Figure 4:  $G_4$

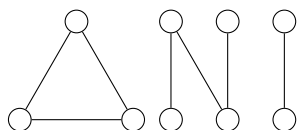


Figure 5:  $G_5$

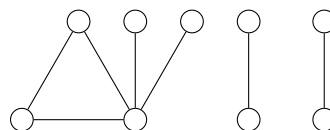


Figure 6:  $G_6$

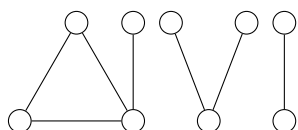


Figure 7:  $G_7$

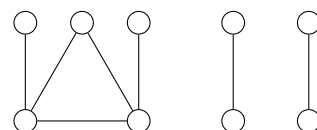


Figure 8:  $G_8$

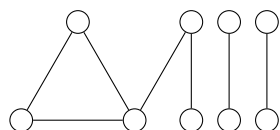


Figure 9:  $G_9$

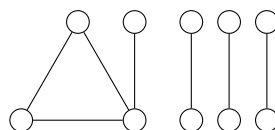


Figure 10:  $G_{10}$

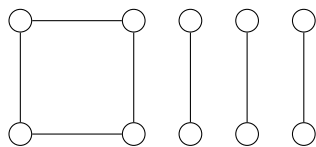


Figure 11:  $G_{11}$

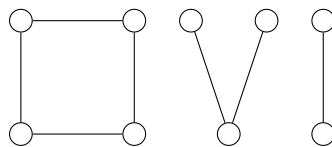


Figure 12:  $G_{12}$

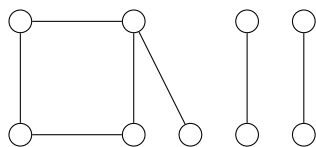


Figure 13:  $G_{10}$

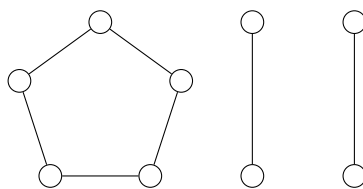


Figure 14:  $G_{10}$

## 2 Labelings

For each  $G_i$  we provide a  $\rho$ -tripartite labeling on the left and a 1-rotational  $\rho$ -tripartite labeling on the right.

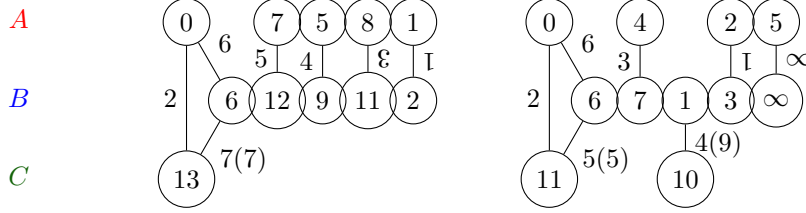


Figure 15: Labeled  $G_1$

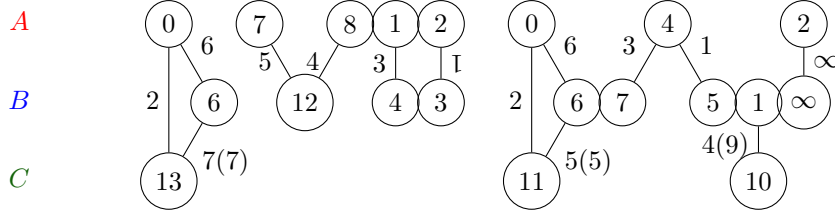


Figure 16: Labeled  $G_2$

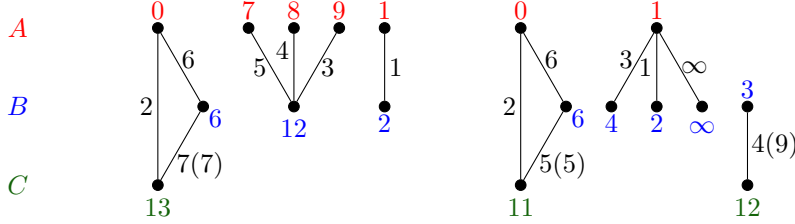


Figure 17: Labeled  $G_3$

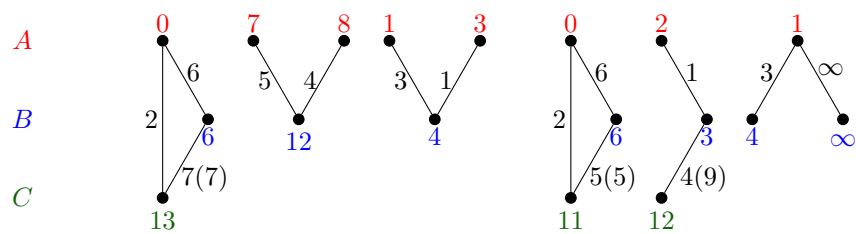


Figure 18: Labeled  $G_4$

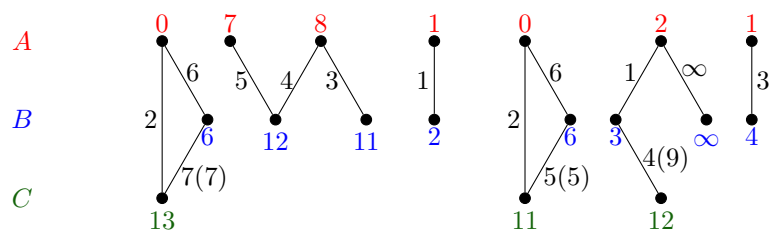


Figure 19: Labeled  $G_5$

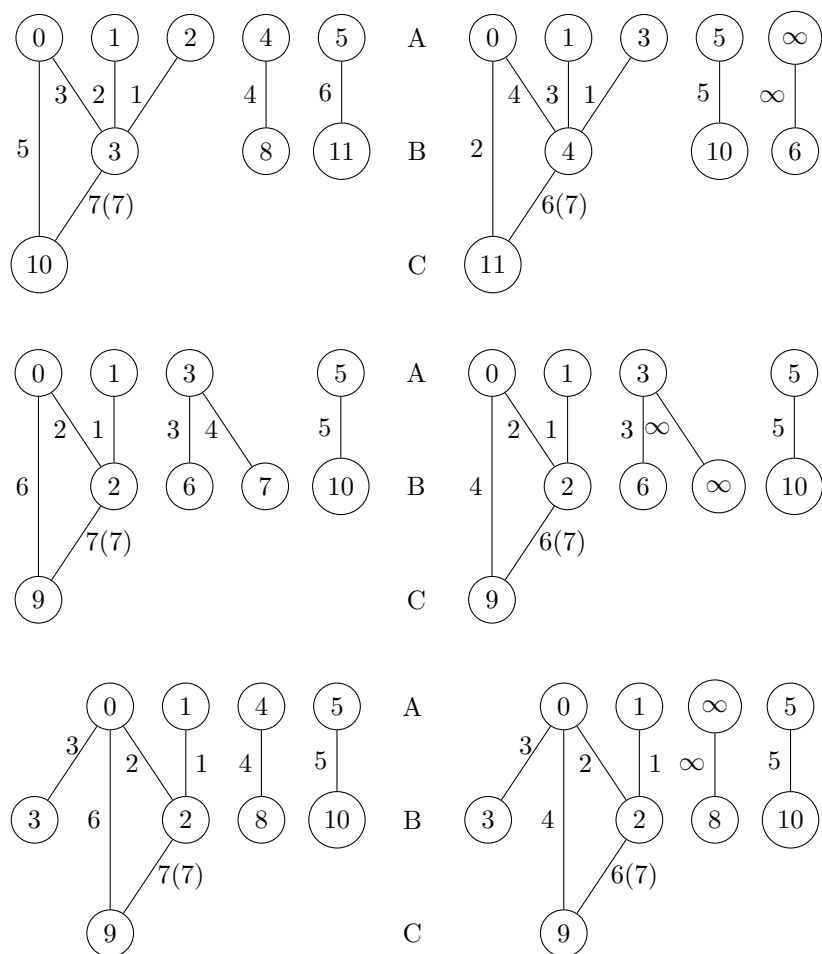


Figure 20: Labeled Graphs

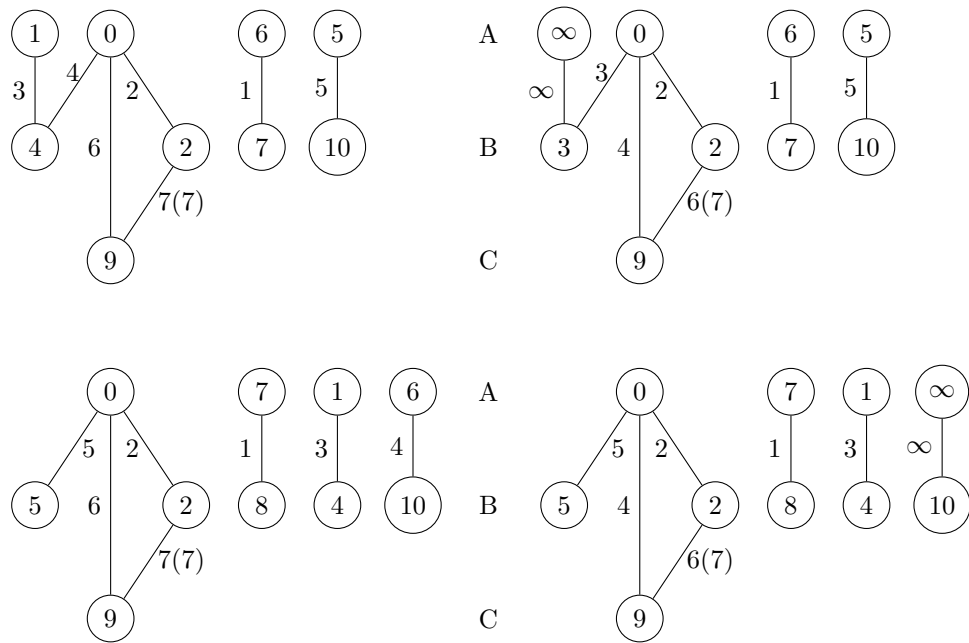


Figure 21: Labeled Graphs

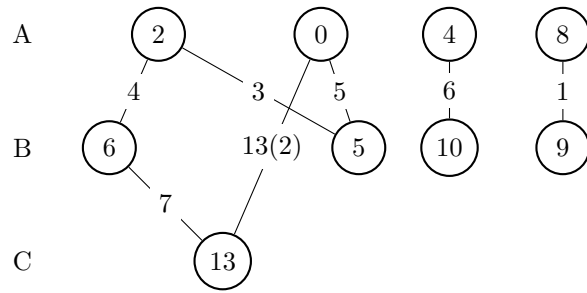


Figure 22:  $\rho$ -tripartite labeling

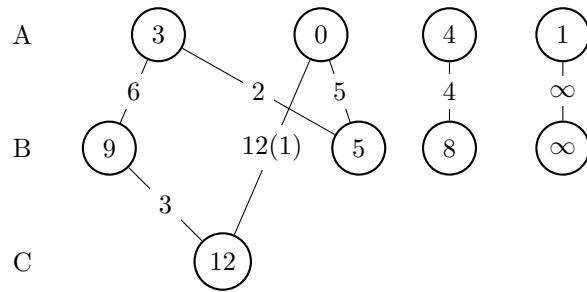


Figure 23: 1-rotational  $\rho$ -tripartite labeling

In Figure 24 we show the ordered  $\rho$ -labelings of graphs  $G_1, G_2$ , and  $G_3$ .

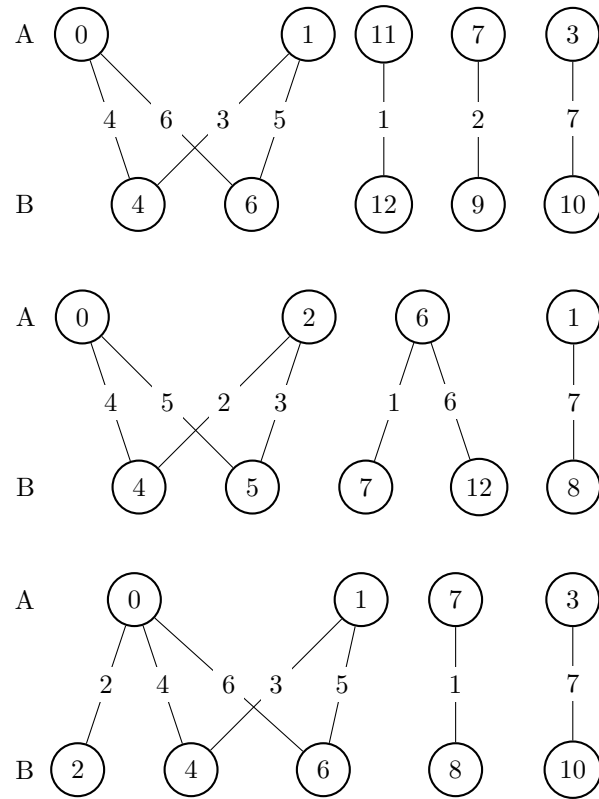


Figure 24: Ordered  $\rho$ -labelings



In Figure 25 we show 1-rotational ordered  $\rho$ -labelings of  $G_1$ ,  $G_2$ , and  $G_3$ .

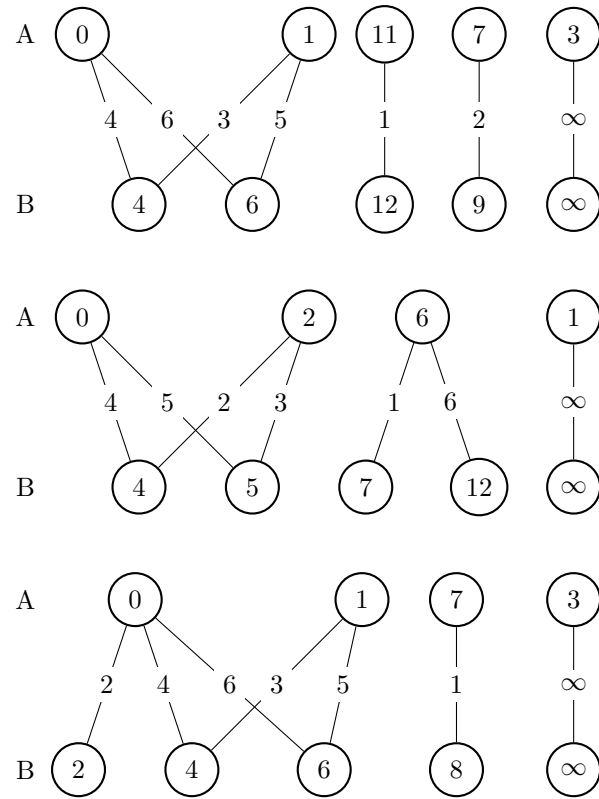


Figure 25: 1-rotational ordered  $\rho$ -labeling