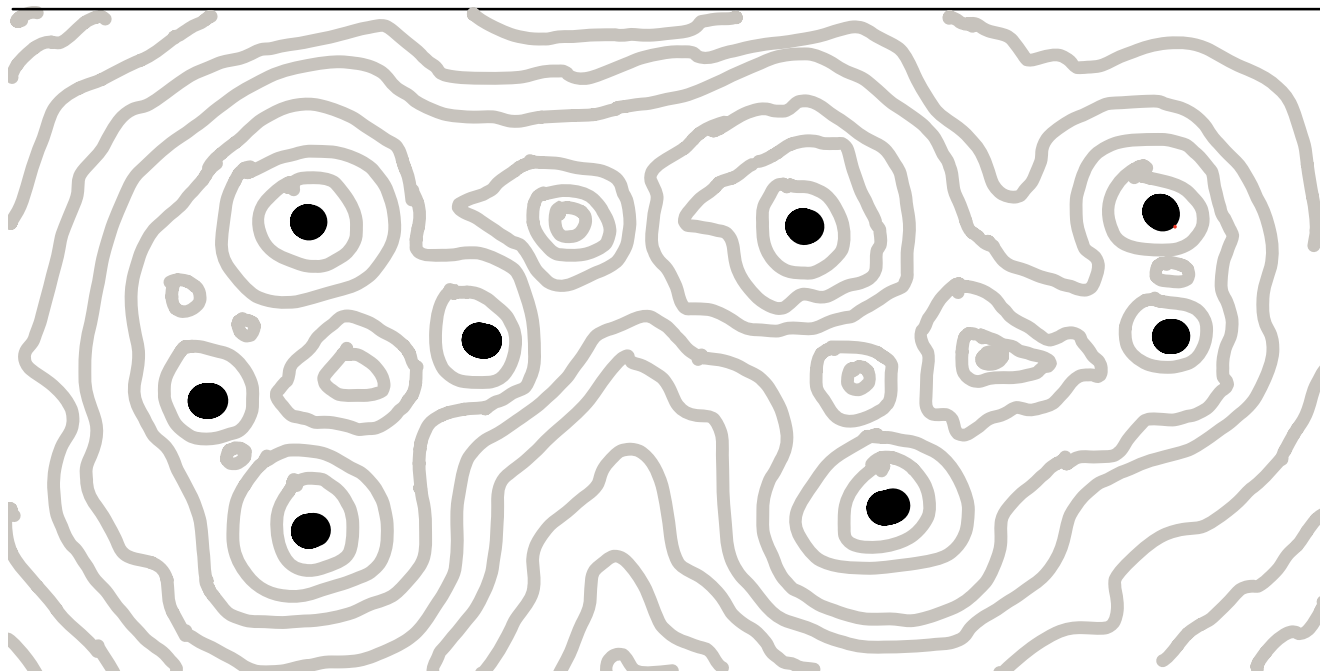


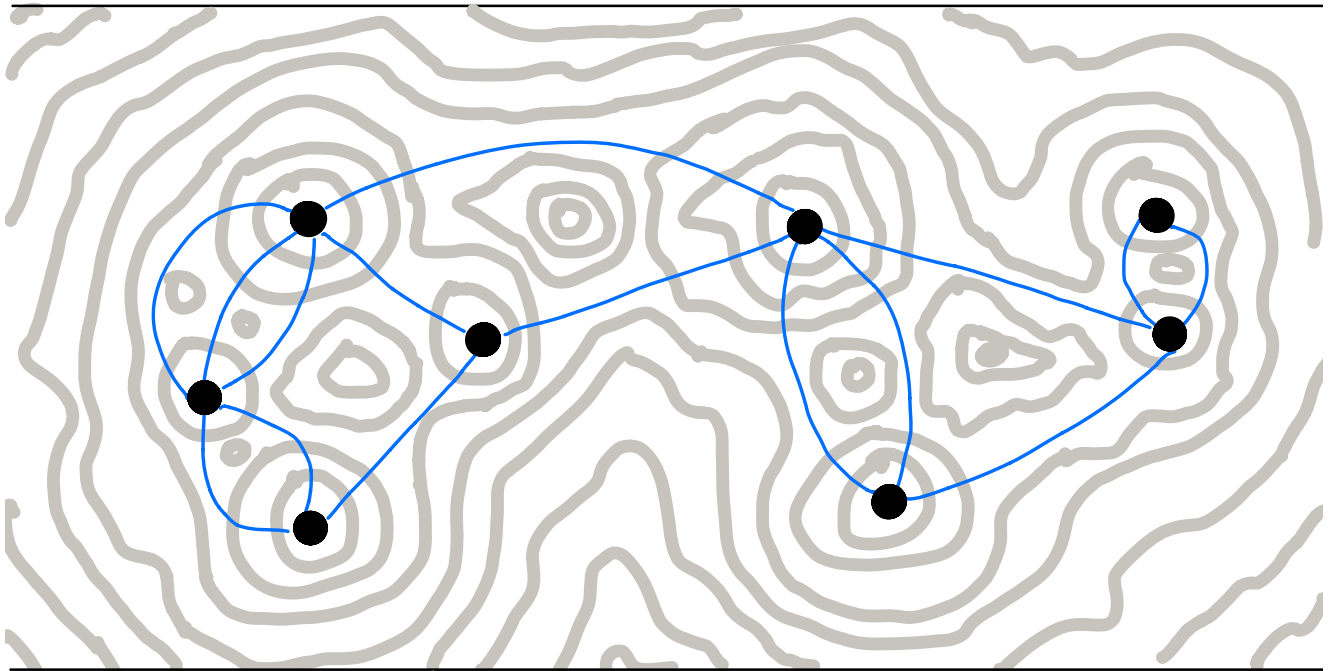
Merge trees and sublevelset persistent homology



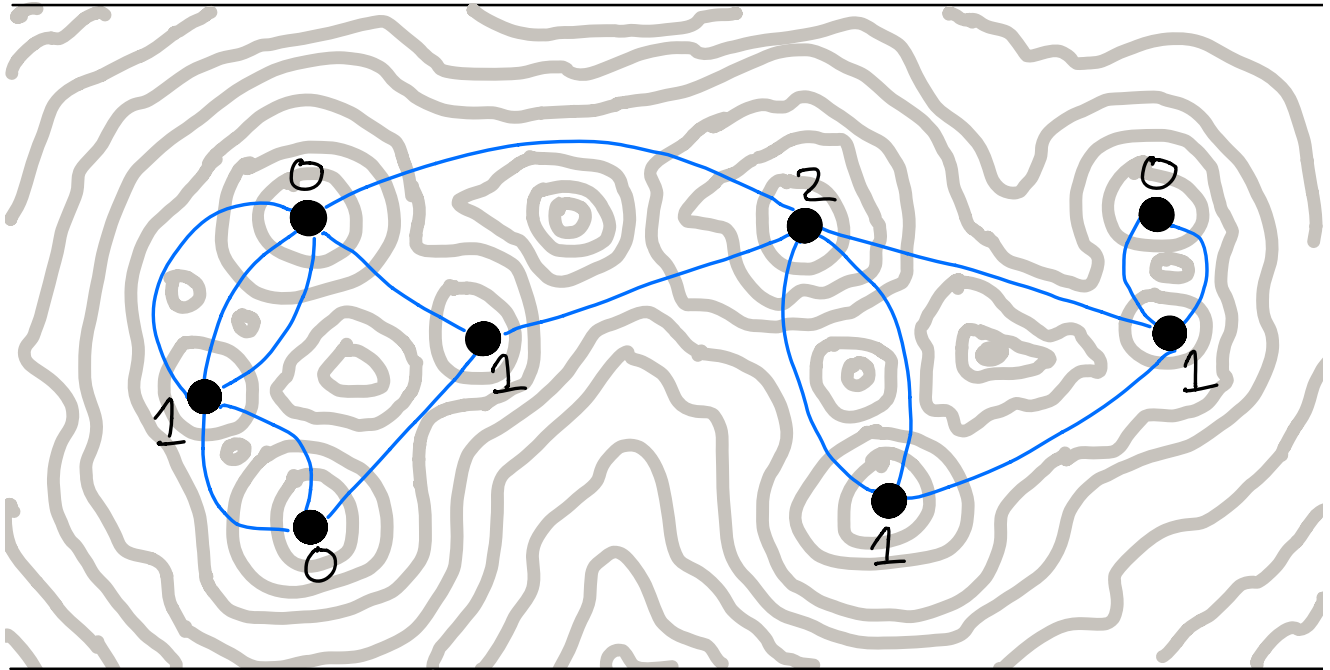
Merge trees and sublevelset persistent homology



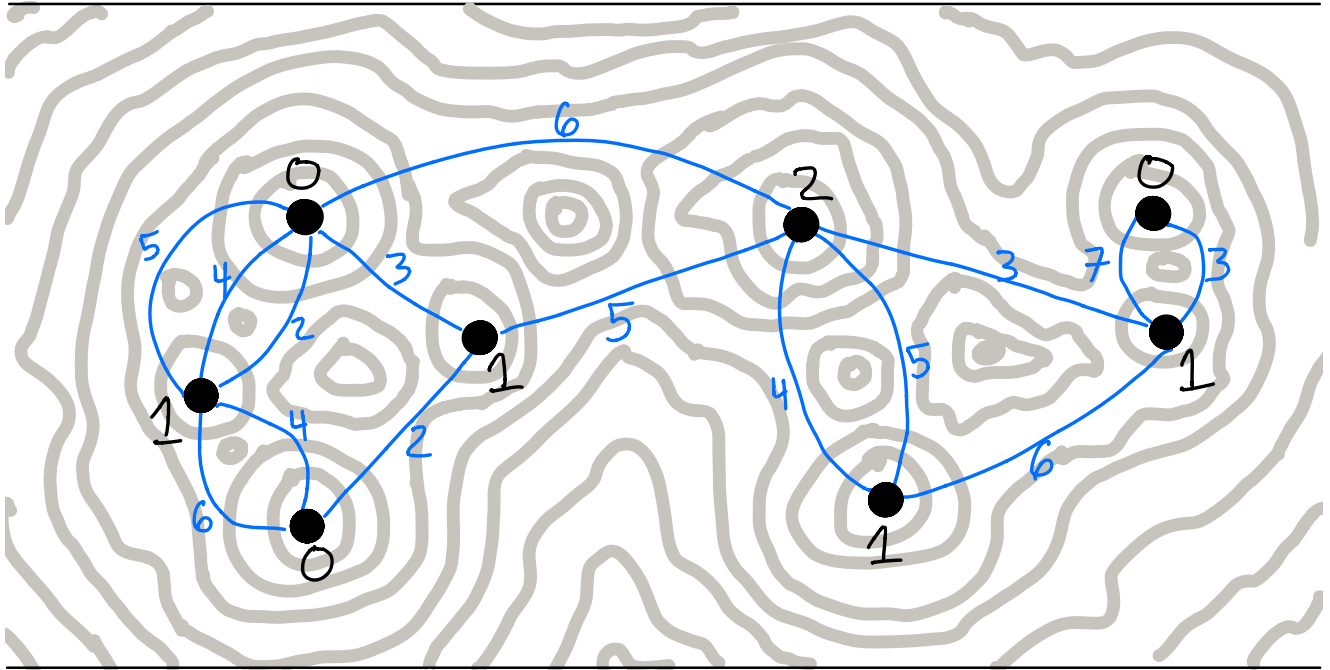
Merge trees and sublevelset persistent homology



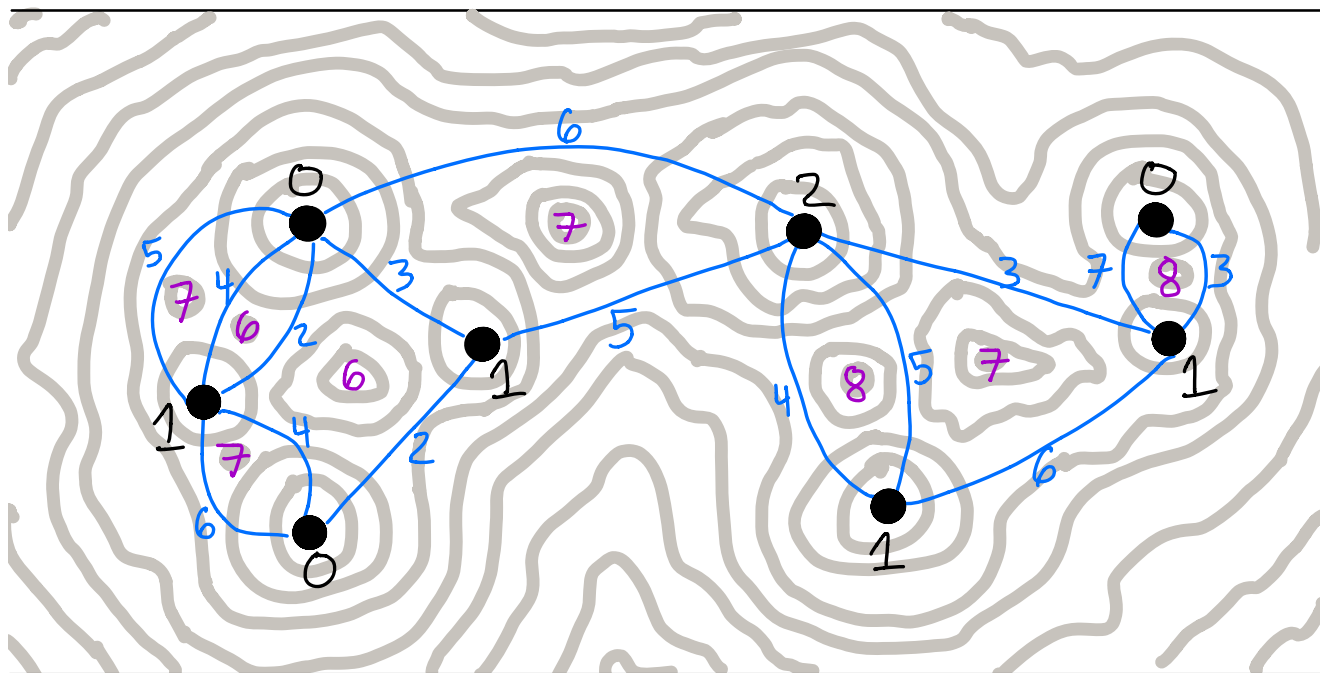
Merge trees and sublevelset persistent homology



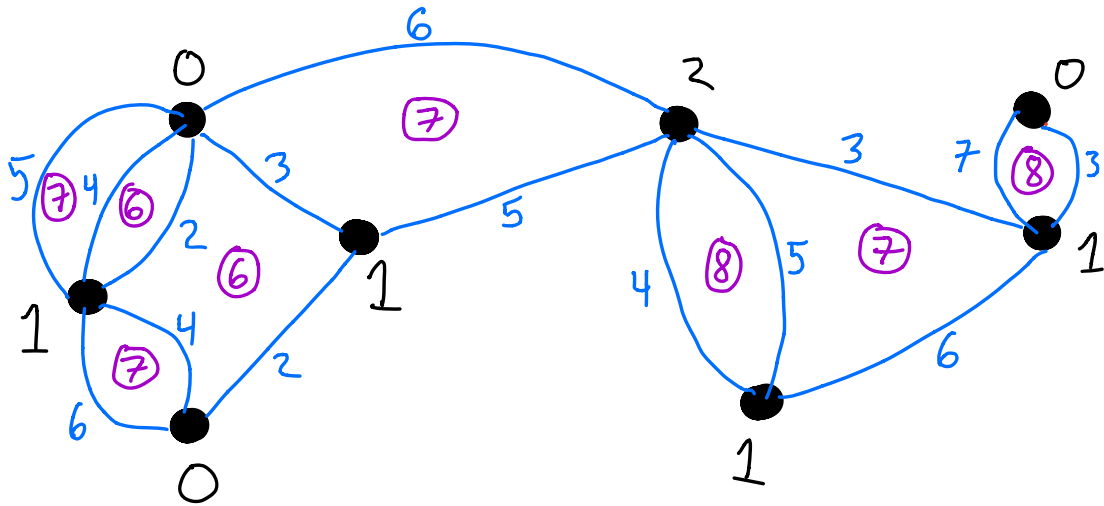
Merge trees and sublevelset persistent homology



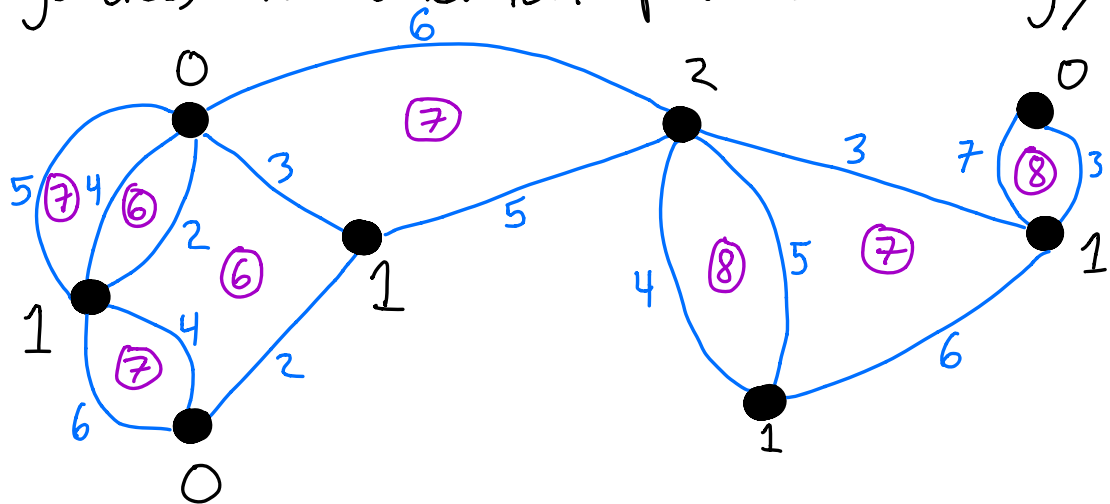
Merge trees and sublevelset persistent homology



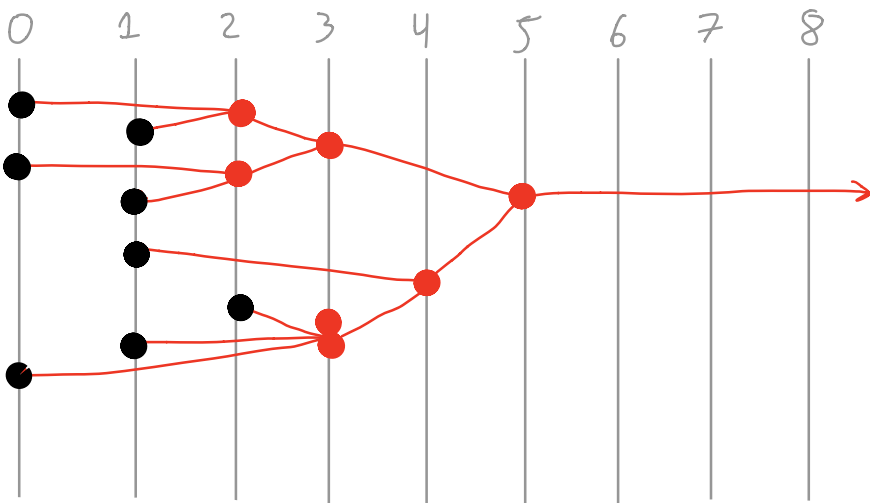
Merge trees and sublevelset persistent homology



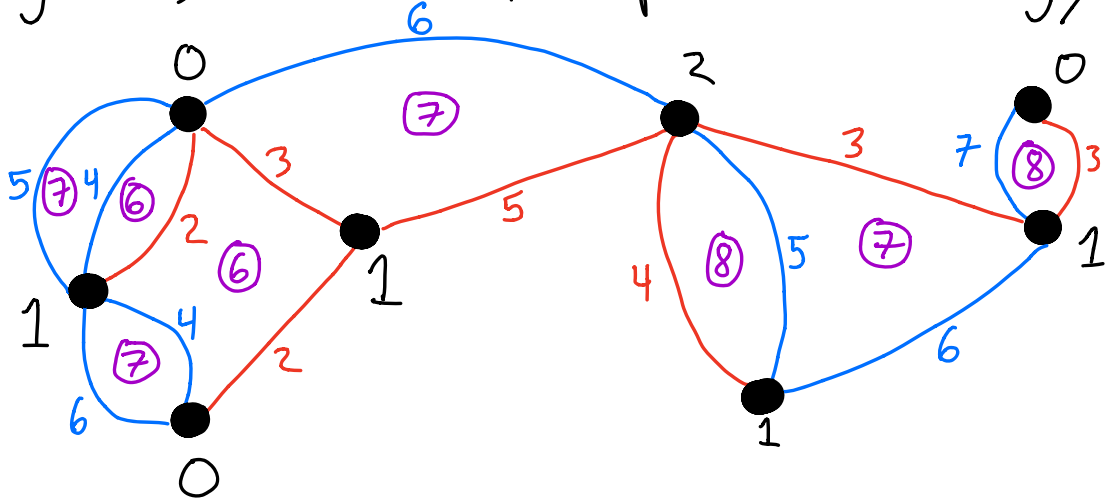
Merge trees and sublevelset persistent homology



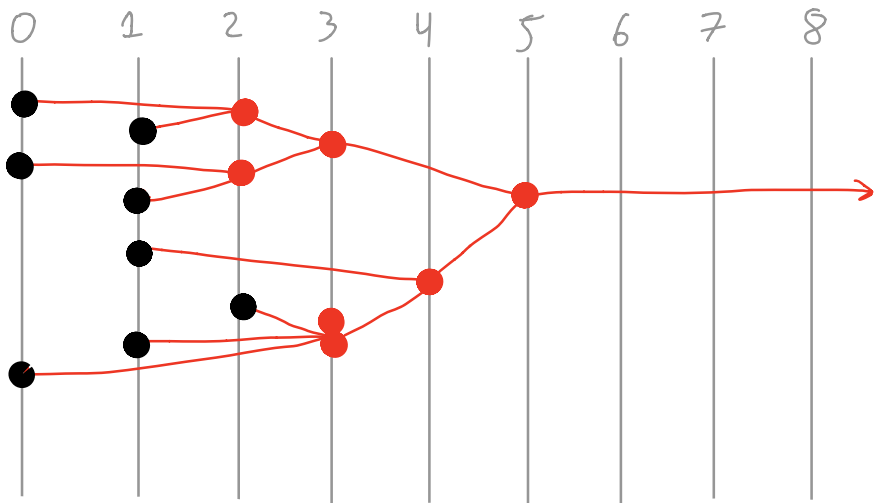
Merge tree



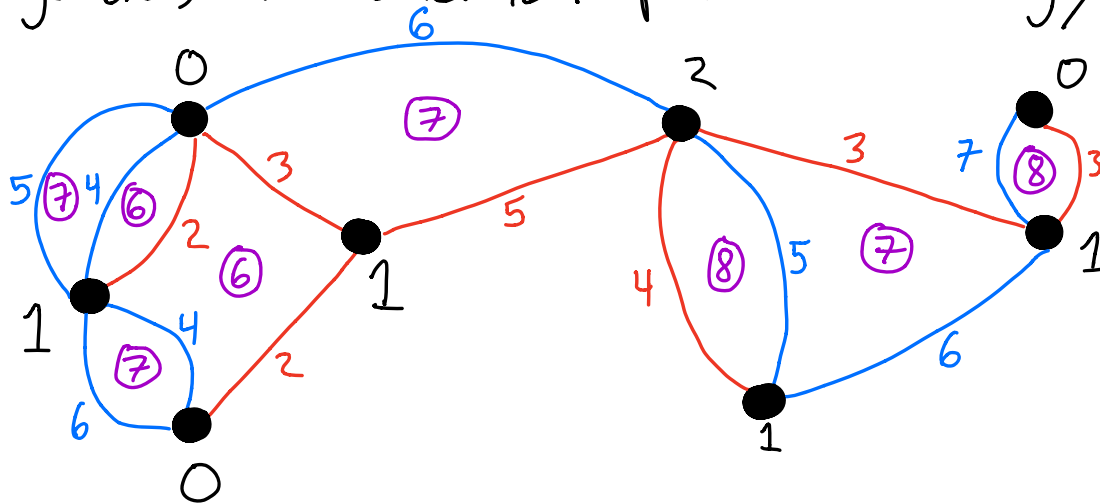
Merge trees and sublevelset persistent homology



Merge tree



Merge trees and sublevelset persistent homology



- local minima
- ▤ index 1 saddle that merges two components
- ▥ index 1 saddle that creates a loop
- ▦ index 2 critical point

