11.5

One algorithm I have encountered while performing linguistic frequency analysis research at the University of Deusto in Bilbao, Spain is Karger’s algorithm. While classifying the graphical representation of regional dialogues of the Basque Region, it can be useful to find the min cut of the graph. Karger’s algorithm uses randomness by randomly choosing edges during each iteration until only two edges remain in order to find a minimum cut. Unfortunately the algorithm is especially cumbersome with dense graphs with V^2 edges.