

Algorithm Design
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Solution of Exercise C-3.10

Search for k_1 and then k_2 , each while marking the path down to that node. Observe that all the nodes between the path towards k_1 and k_2 are within the specified range. A modified DFS can be performed, using the given paths as boundaries and starting at the intersection of the two paths, to enumerate all the elements inclusively between k_1 and k_2 .