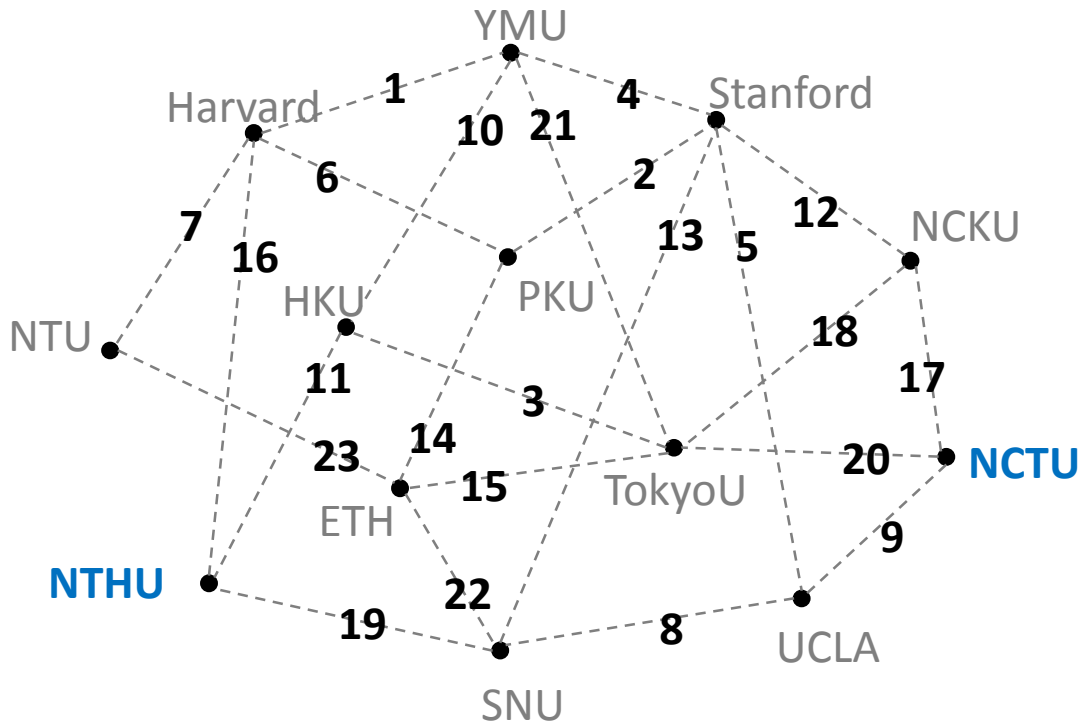


10520EE241000 Data Structure Quiz (MST) Mock

We want to build a network to connect 13 universities. The following figure shows the 13 universities, 23 candidate connections, and their associated cost (from one million to 23 millions dollars, respectively).

- 1) What is the minimum cost of the network?



- 2) We want the path between **NTHU** and **NCTU** to be of the **minimum cost**. Given this constraint, what is the minimum cost of the network?

