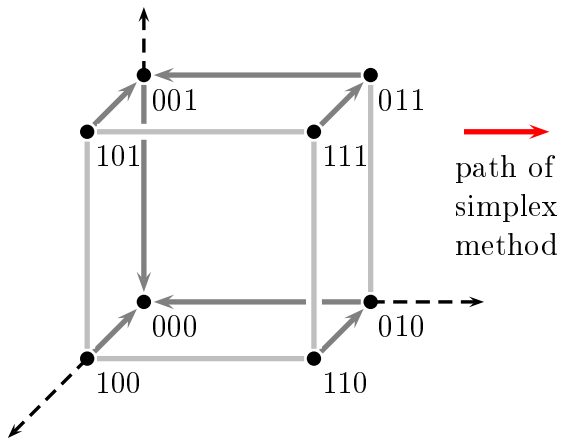
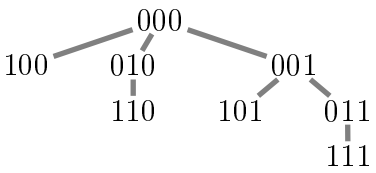


(a) The "simplex tree" induced by the objective $-\sum x_i$.



(b) The corresponding reverse search tree.