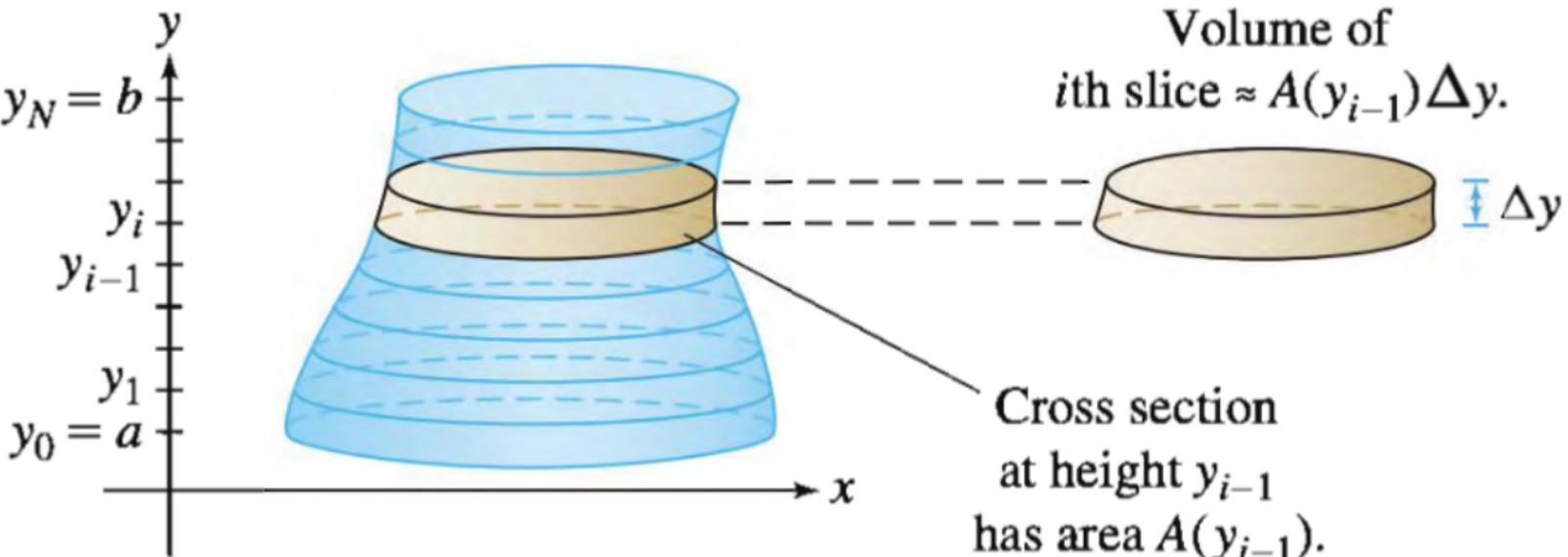


FIGURE 1 The volume of a right cylinder is Ah .



DF FIGURE 2 Divide the solid into thin horizontal slices. Each slice is nearly a right cylinder whose volume can be approximated as area times height.