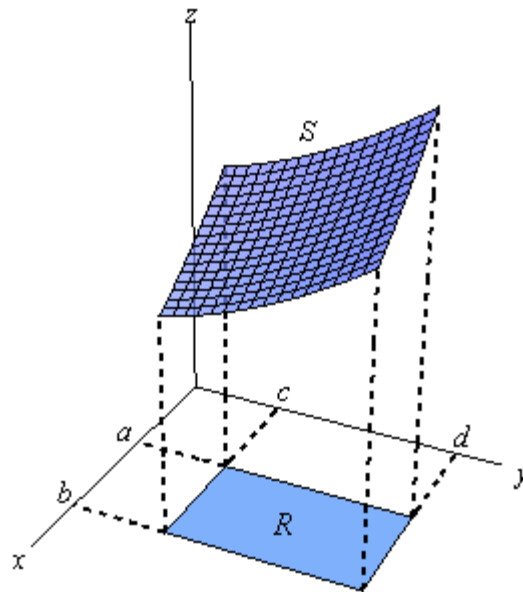
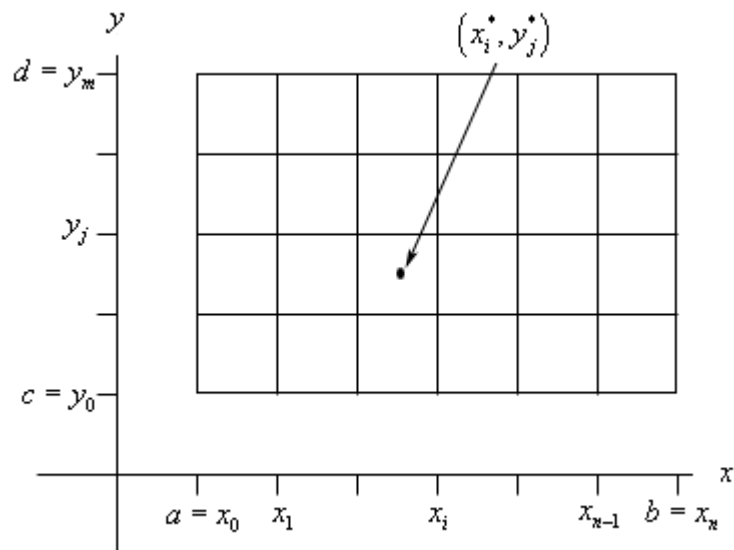


The graph of some function $z = f(x, y)$, denoted by S , over some region R in the xy -plane



The region R broken up into n subintervals in the x direction and m subintervals in the y direction.



The solid under S (and above R) approximated by boxes.

