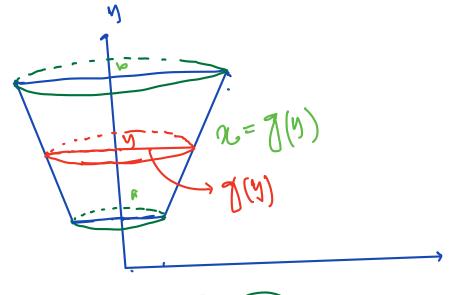
$$\begin{cases} \text{Vet} & |f(a_1 n)| \leq M \\ \text{for any } Q_i \text{ and } Q_2 \in R_{ij}, \\ |f(Q_i) \gamma(Q_i) - |f(Q_2) \gamma(Q_2)| \\ = |f(Q_i) \gamma(Q_i) - |f(Q_2) \gamma(Q_2)| \\ \leq |f(Q_i) \gamma(Q_i) - |f(Q_i) \gamma(Q_2)| \\ \leq |f(Q_i) \gamma(Q_i) - |f(Q_i) \gamma(Q_i)| \\ \leq |f(Q_i) \gamma(Q_i$$

4 8

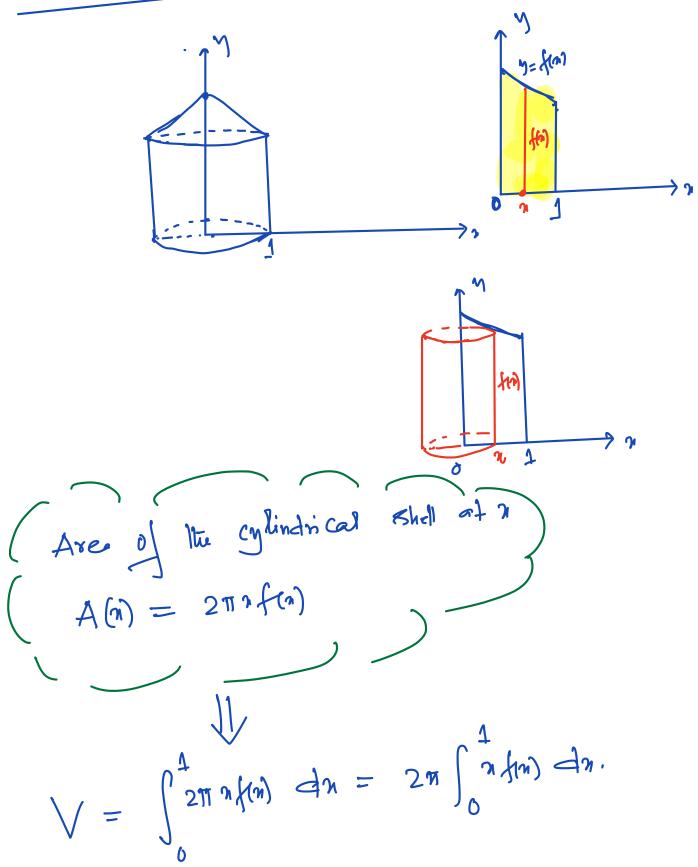
The Slice Melhod y= f(m) Rotation around y-axis



$$A(y) = \pi g(y)^{2}$$

$$V = \pi \int_{a}^{b} g(y)^{2} dy$$

The Shell Melhid



Rotale Ite tringular region around n=3.  $\gamma(n) = 3-2$ and R(n) = 2n+1-1Area of the cylindrical shell of w  $A(n) = 2\pi \gamma(n) R(n)$  $= 2\pi (3-\pi)2\lambda$  $V = \int_{0}^{1} A(n) dn = 2\pi \left( \int_{0}^{1} (6\pi - 2\pi^{2}) dn \right)$ = 14 T.

## Washer Melhod

