DIZY Ille (The Integral Tast) Jan a 7, an 7, -- 7, 0 Extend on to a where Then  $\sum_{n=1}^{\infty} a_n < \infty$  is continuous, and a(x) is  $a(x) = a_n$  and  $a(x) = a_n$ . Then  $\sum_{n=1}^{\infty} a_n < \infty$  if  $\sum_{n=1}^{\infty} a(x) dx < \infty$ Plicande Sandan Sacrdan = Sacrdan N=1 n < 2 Sanda  $= \sum_{n=1}^{\infty} a_n$