Y- Listantial - 4 Sol 1- T(n) = 3T(n/2)+n2 0=3, b=2 +(n)=n2 a and b are constant and fin) to the fune . . Othing moster's theoremcases! c = log a T(n) = 0 (nº) $= \log 3 = 1.58$ n° = n1.58

ca. n² > n1.58 Sol 2+ T(n) = 47(n/2) +n2 0=4 .p=2 f(n)=n2. and b are constant and for is positive funct.







