Suponiendo que n >=2:

Iter 1: T(n) = 9T(n/3) + n^2

Iter 2: T(n) = 9(9T(n/3) + (n/3)^2) + n^2 = 9^2T(n/3^2)+2n^2 -> (n/3)^2 = n^2/9 -> se va \*9

Iter 3: T(n) = 9^3T(n/3^3)+3n^2

Iter i: T(n) = 9^iT(n/3^i)+ in^2

Caso base: n/3^i = 1 -> n = 3^i -> log3(n) = i

T(n) = 9^(log3n)\*T(n/n) + log3(n)n^2

T(n) = 9^(log3n) + log3(n)n^2