



Cont.
$$\partial_{-} T(n) = (4+C+(4+C+(4+C+T(n_{-}-a))) = 3(4)+3C+T(n_{-}z)$$

 $= 4!^{\circ} + C!^{\circ} + T(n_{-}!^{-}1)$ let $n_{-}!^{-}1 = i$
 $= 4(n_{-}!) + C(n_{-}!) + T(n_{-}-n_{+}|-1)$
 $= 4n_{-} + 4 + cn_{-}c + T(0)$
 $= n_{-}(4+c) - a - c$ let $C' = 4+c$ and $K = -a - c$ (both constants)
 $= Cn_{-} + K \in O(n)$



