Dallallette 2060 gretted Not a) $T(n) = q^{2}$, $n \neq a$, a > 0Hy mym elle begruillaere a go waresema, notte applienmen) re emane La n Ekoa, KER. The end of npurally n-In J. a > 0, maly y wally burnagey

T(n) = ceil(\frac{a}{a}), my i \, i \, 2 burnaghe openhabi, npel y leaby USO CEIL REZSÜLBRUGE REMAJRANDER ENCIRO MARCA 5) T(n) = d + n = 0 $T(n-1) + 2^n, n = 1$ orebegne zochanaligneim $T(n) = T(n-1) + 2^n = T(n-2) + 2^n + 2^n = \sum_{n=1}^{2^n} 2^n = 2^{n-1}$ bluguo, ujo n-niemo onepayia compuficalprevo beln $(n) = 2 T([n_{12}]) + 1 = 2^2 T([n_{14}]) + 1 = 1$

d) $T(n) = \begin{cases} 1 & n=1 \\ aT([n/a]) + n, n=2, a=2. \end{cases}$ The Type merc case, anatomino go c) h-hicmb on exacting go myself. blinagely: $T(n)=\alpha T(I^n(aI)+n=\alpha^{iT}(I^na^i)+\alpha I^na_I+n=0$ $= M \in M$ $= \sum_{k=0}^{\infty} \alpha^{k} \left[\frac{n}{a^{k}} \right]$