

$$T(n) = \tau\left(\frac{1}{2}\right) \times 2 + \tau\left(\frac{1}{2} + 1\right) + cn$$

$$= 37 (9) + (M) = 0(n^{(0)}) = 0(n^{(0)})$$

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$$4 T(\frac{n}{2}) + cm = O(n^2) = O(n^{1/3})^4$$