$$T(n) = 2T\left(\frac{m}{2}\right) + \Theta\left(\frac{m}{\log(n)}\right)$$

$$T(n) = 2\left[2T\left(\frac{m}{2}\right) + \Theta\left(\frac{m}{2\log(n)}\right)\right] + \Theta\left(\frac{m}{\log(n)}\right)$$

$$T(n) = 2\left[2\left[T\left(\frac{m}{2^{3}}\right) + \Theta\left(\frac{m}{2\log(n)}\right)\right] + \Theta\left(\frac{m}{2\log(n)}\right)\right] + \Theta\left(\frac{m}{2\log(n)}\right)$$

$$T(n) = 2^{k}T\left(\frac{m}{2^{k}}\right) + \sum_{i=0}^{k-1} 2^{i}\Theta\left(\frac{m}{2^{i}\log(n)}\right)$$

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$$T(n) = 2^{\log(n)}\Theta\left(1\right) + \sum_{i=0}^{\log(n)-1} \Theta\left(\frac{m}{2^{i}\log(n)}\right)$$

$$T(n) = 2^{\log(n)}\Theta\left(1\right) + 2^{\log(n)-1} \frac{1}{\log(n)-\log(n)}$$

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