

Theta notation is mainly used to represent average bond of an algorithm and by using theta notation we can calculate average case time complexity. Theta is a graphical representation of theta where there are three lines passing from center with c_1 into g often less than or equal to f of n . n and point at which these two lines made is known as n naught.

i will explain theta notation with an example. to c_2 into g of n which is an upper bound and where f of n is placing in between this this graphical representation is. i 'm going to substitute value of n with any number n is nothing but n naught. Little omega notation definition is same as little omega notation. frequency count method specifies number of times a statement is to be executed. There are some rules which we need to follow in order to calculate frequency count of an algorithm. One rule is ignore lower order exponents when higher order exponent is present so we need only x to the power of 4 and ignore constants.

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