Use the following spaces to record any information about key topics that you find useful.

⇒ Learning outcomes:

⇒ Why do we care about the growth of functions?

⇒ Definition of O expressed as a quantified statement:

Rules for choosing c and n_0 to show $f = O(n^k)$ when $f(n)$ is a polynomial function of degree k:

Intuitively, O, describes what relationship between functions f and g, if $f = O(g)$?

$\Rightarrow$ Definition of Ω expressed as a quantified statement:

Rules for choosing c and n_0:

Intuitively, Ω, describes what relationship between functions f and g, if $f = \Omega(g)$?

$\Rightarrow$ Definition of Θ expressed in terms of O and Θ:

$\Rightarrow$ Common functions in algorithmic complexity: