Quickcheck 02: Asymptotic Analysis

Name:

Definition: Dominated by

A function $f(n)$ is dominated by $g(n)$ when...

- There exists two constants $c > 0$ and $n_0 > 0$...
- Such that for all values of $n \geq n_0$...
- $f(n) \leq c \cdot g(n)$ is true.

Demonstrate that $2n^3 - 3 + 9n^2$ is dominated by n^3 by finding a c and n_0. Show your work.

Another question

Do you have any questions about this course? It could be about policy, content, instructors, TAs, etc.