
Iterated Application**X55698_en**

The n -th iterated application of a single-argument function f is the function that, applied to value x , returns $f^n(x)$, that is, $f(f(\dots f(x)\dots))$, where f is applied n times. Zero applications of f correspond to the identity function (as usual, zero repetitions of anything correspond to a neutral element). Write a function $iterated_appl(f, n)$ that returns the n -th iterated application of f . The value of n will be a non-negative integer, and f is expected to take floats to floats.

Problem information

Author: Jordi Delgado & José Luis Balcázar

Generation: 2026-01-25T16:58:03.615Z

© Jutge.org, 2006–2026.

<https://jutge.org>