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, $f(f(...f(x)...))$, 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 : 2022-11-02 14:01:06