

UNIFORM APPROXIMATION OF MUCKENHOUPPT WEIGHTS ON FRACTALS BY SIMPLE
FUNCTIONS.

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Given an A_p -Muckenhoupt weight on a fractal obtained as the attractor of an iterated function system (IFS), we construct a sequence of approximating weights, which are simple functions belonging uniformly to the A_p class on the approximating spaces.

Joint work with Marilina Carena (Facultad de Ingeniería Química (UNL), CONICET, Departamento de Matemática (FHUC-UNL), Santa Fe, Argentina)..