

Deep Neuronal Filter

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Chapter 1

Deep Neuronal Filter (DNF)

A noise reduction filter using deep networks in autoencoder configuration.

github: <https://github.com/berndporr/deepNeuronalFilter>

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

DNF	5
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Chapter 3

Class Documentation

3.1 DNF Class Reference

Public Member Functions

- **DNF** (const int NLAYERS, const int numTaps, double fs, Neuron::actMethod am=Neuron::Act_Tanh)
- double **filter** (double signal, double noise)
- Net & **getNet** () const
- const int **getSignalDelaySteps** () const
- const double **getDelayedSignal** () const
- const double **getRemover** () const
- const double **getOutput** () const

The documentation for this class was generated from the following file:

- dnf.h

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