NN.Neuron.Neuron m __init__(self, o,i) m get_output_cnts(self) m set_step(self, s) m get_step(self) m set_input_cnts(self, c) m get_input_cnts(self) m set_excepted_output(self, o) m set_bias(self, b) m get_bias(self) m add_output(self, c) m remove_output(self, c) clear_input(self) m get_id(self) m fetch_input(self) m set_input(self, input) m set_threshold(self, t) m set_activation_function(self, af) m get_activation_function(self) scalar_product(self) m activation_function(self, x) m activation_function_derivatives(self, x) m step(self, x) m sig(x) m sinus(x) m relu(self, x) m linear(x) m der_relu(x) m der_linear() m der_sinus(x) m der_sig(x) generate_output(self, dbg=False) f output_to_neuron f e f) i f threshold f o f output f input f cnt_input f expected_output f bias f add_step f excepted_output f activation_function_type f n_id f threshold

f activation_function_type

Neuron_ID