

Figure 1: Rejection sampling procedure for a stochastic system with random noise W_t

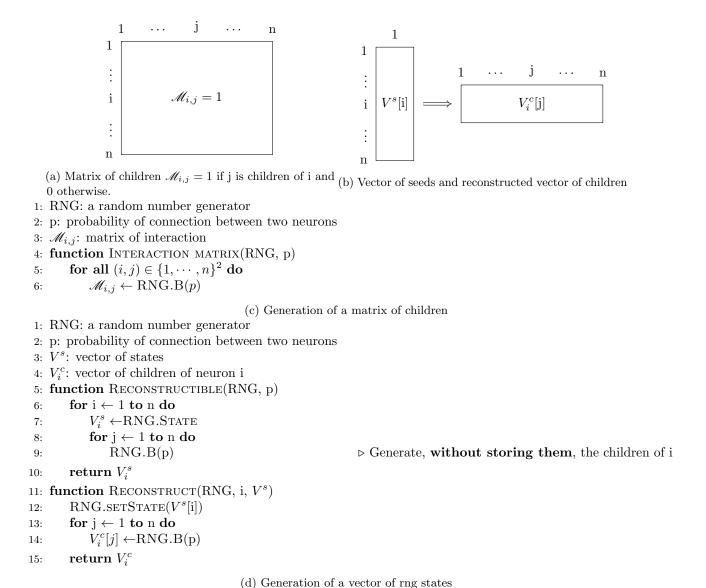


Figure 2: Algorithm for generating erdos-reynii graph in memory (a and c) and reconstructible (b and d)

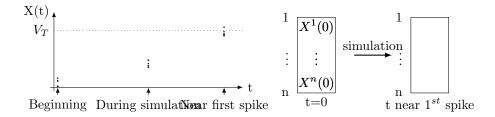


Figure 3: Illustration of the initialisation process, the state of the system is represented at different instants of the simulation (each dot is a neuron, x-absciss time and y-absciss the potential of the neuron).

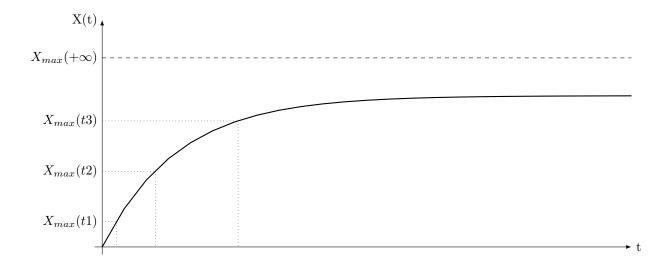


Figure 4: Restriction of time interval searching for the rejection sampling procedure