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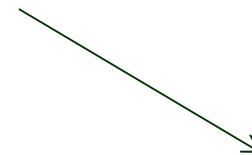
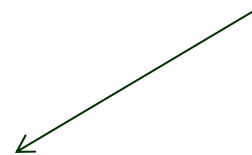
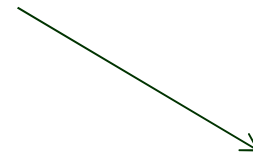
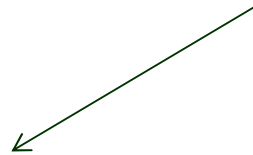
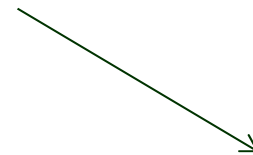
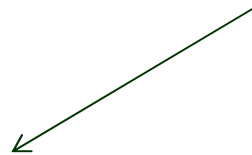
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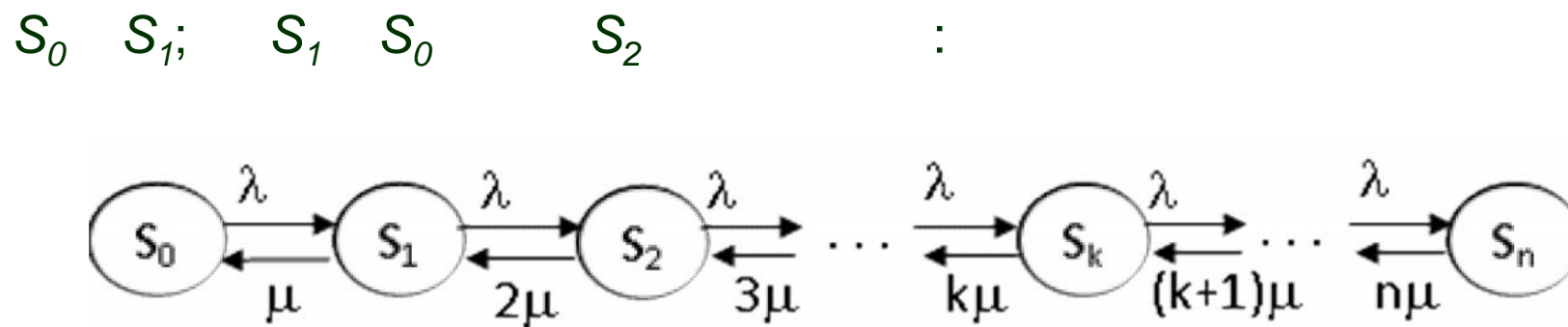


Рис. 5.10. Граф состояний

$$p_0 = \left(1 + r + \frac{r^2}{2!} + \frac{r^3}{3!} + \dots + \frac{r^n}{n!} \right)^{-1} = \left(\sum_{k=0}^n \frac{r^k}{k!} \right)^{-1}, \quad r = \lambda / \mu$$

$$p_k = \frac{r^k}{k!} p_0$$



$$P = p_n = \frac{r^n}{n!} p_o$$

$$Q = 1 - P = 1 - \frac{r^n}{n!} p_o$$

$$A = Q.$$



$$N = p_1 + 2p_2 + \ddot{O} + np_n$$

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$$K = N / n.$$



Ut

$t_1 \quad t_2 \quad (Ut=R(t_1, t_2)).$
 Uw

$Uw=R(w_1, w_2).$

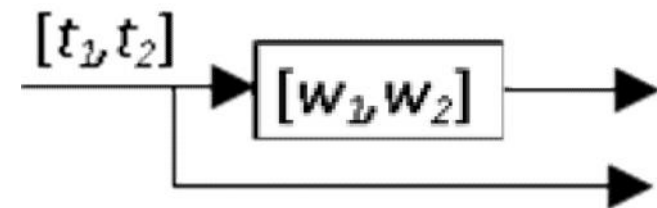


Рис.7.1. Схема СМО



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$$N_w(t) = N_w(t) \cdot t$$

$$P(t) \tilde{O} W(t) = (N(t) - N_w(t)) / N(t).$$

$$T_w : K(t) = T_w(t) / t$$

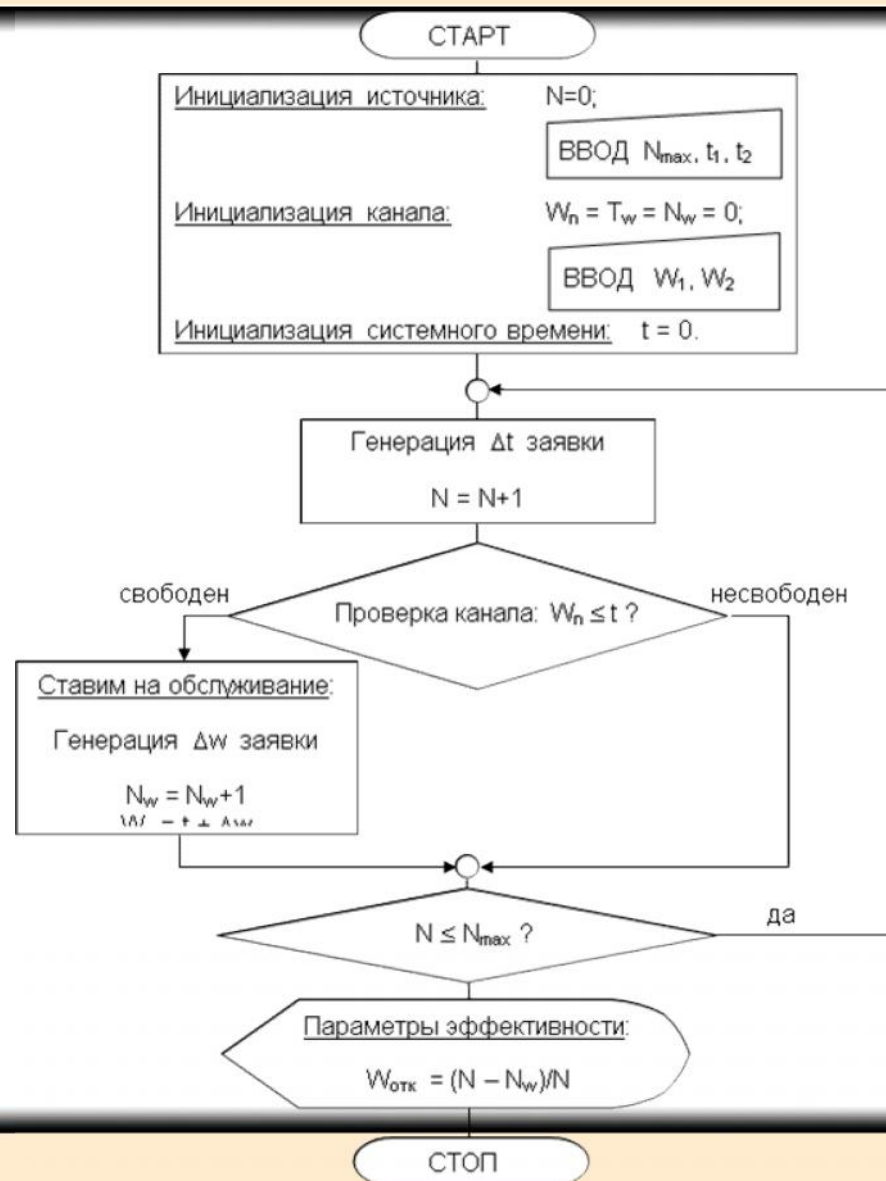
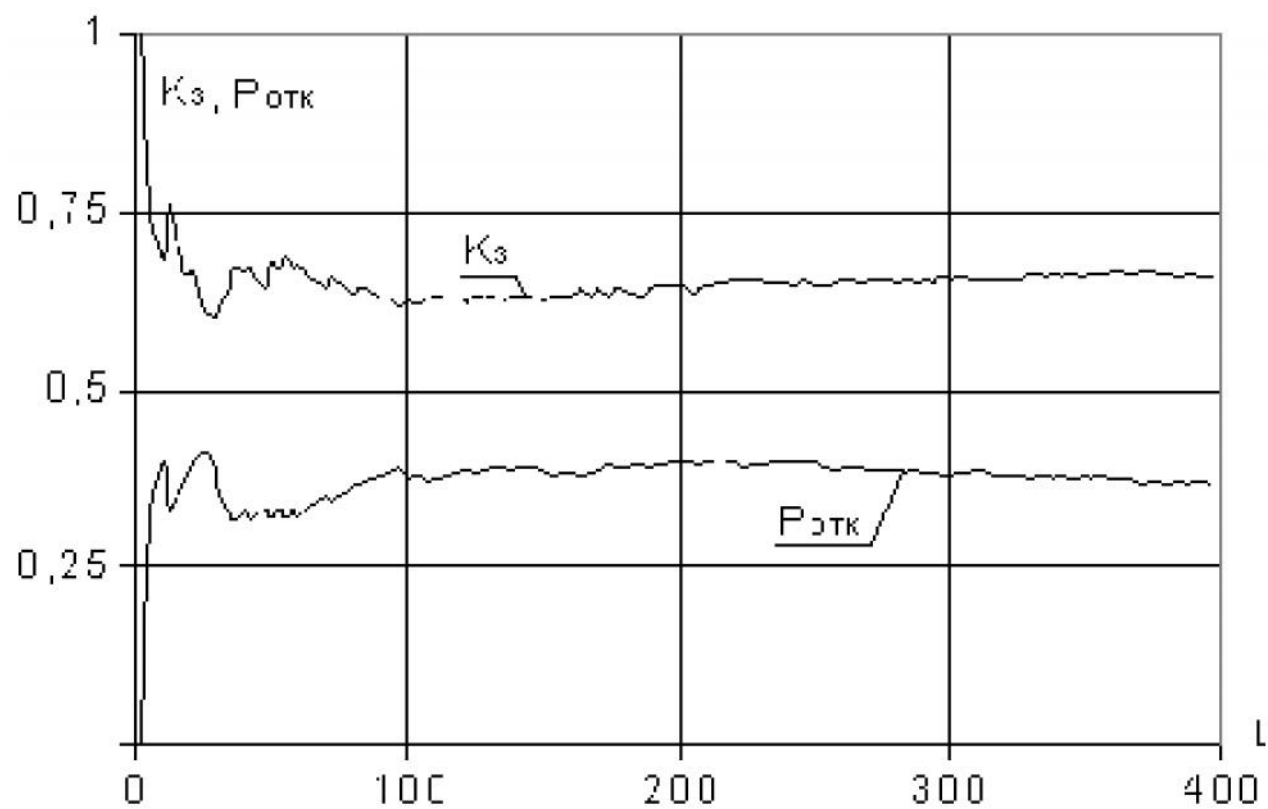


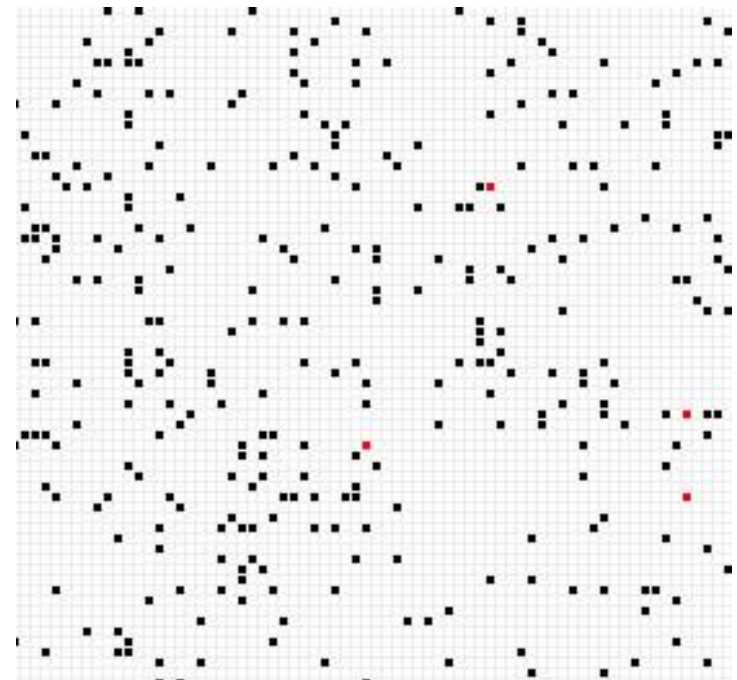
Рис. 7.2. Блок-схема имитатора





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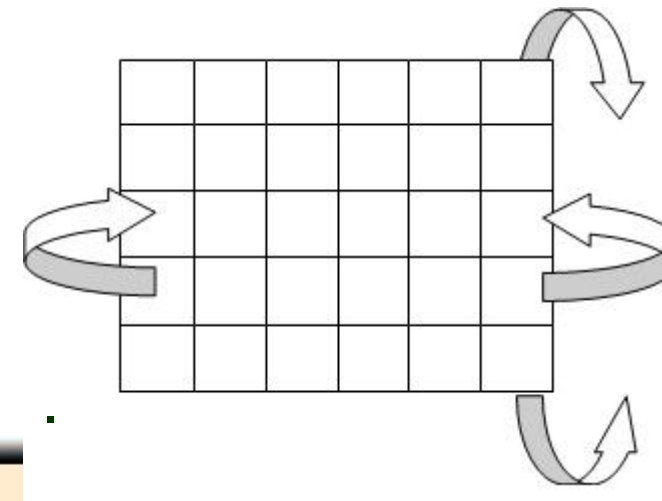
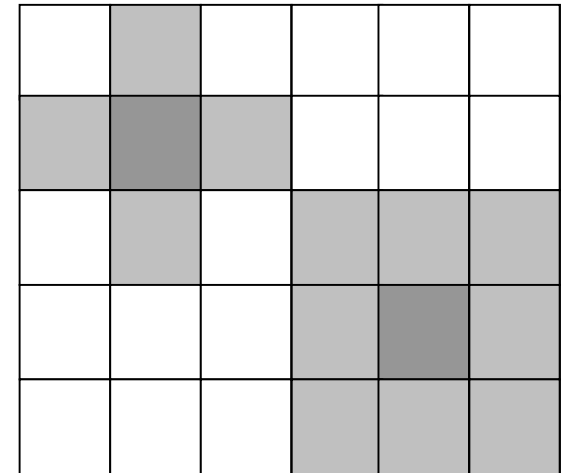
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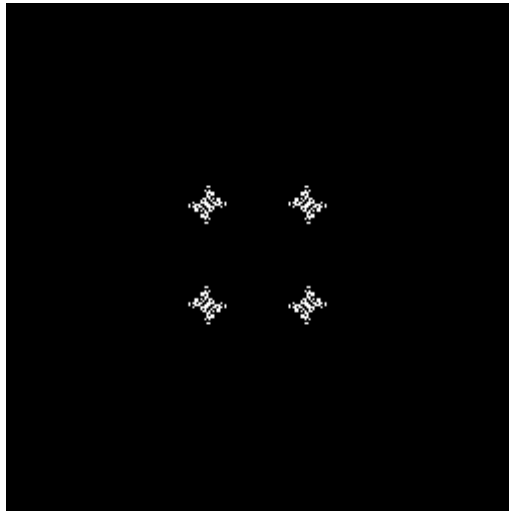




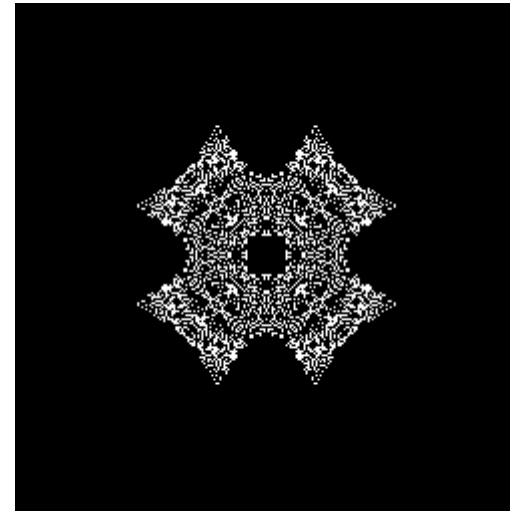
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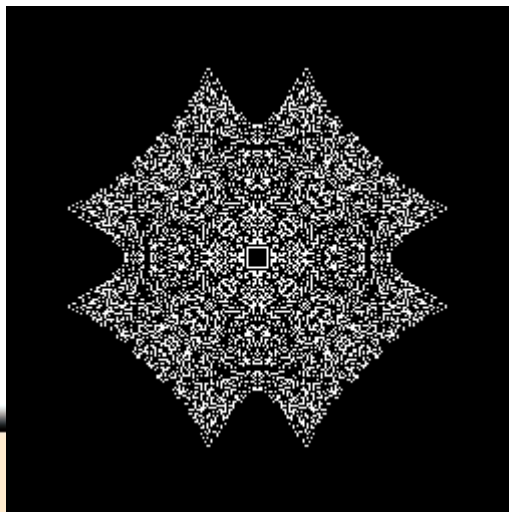
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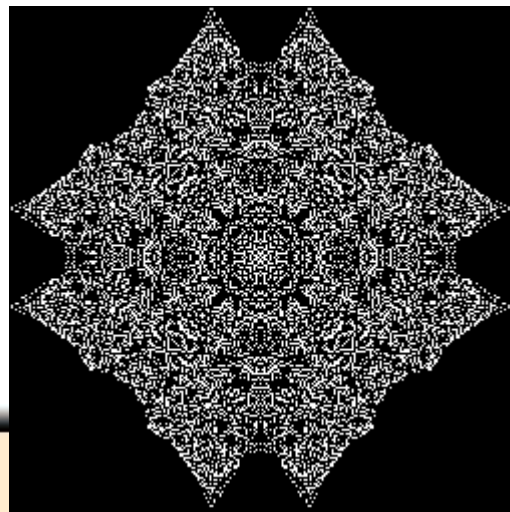
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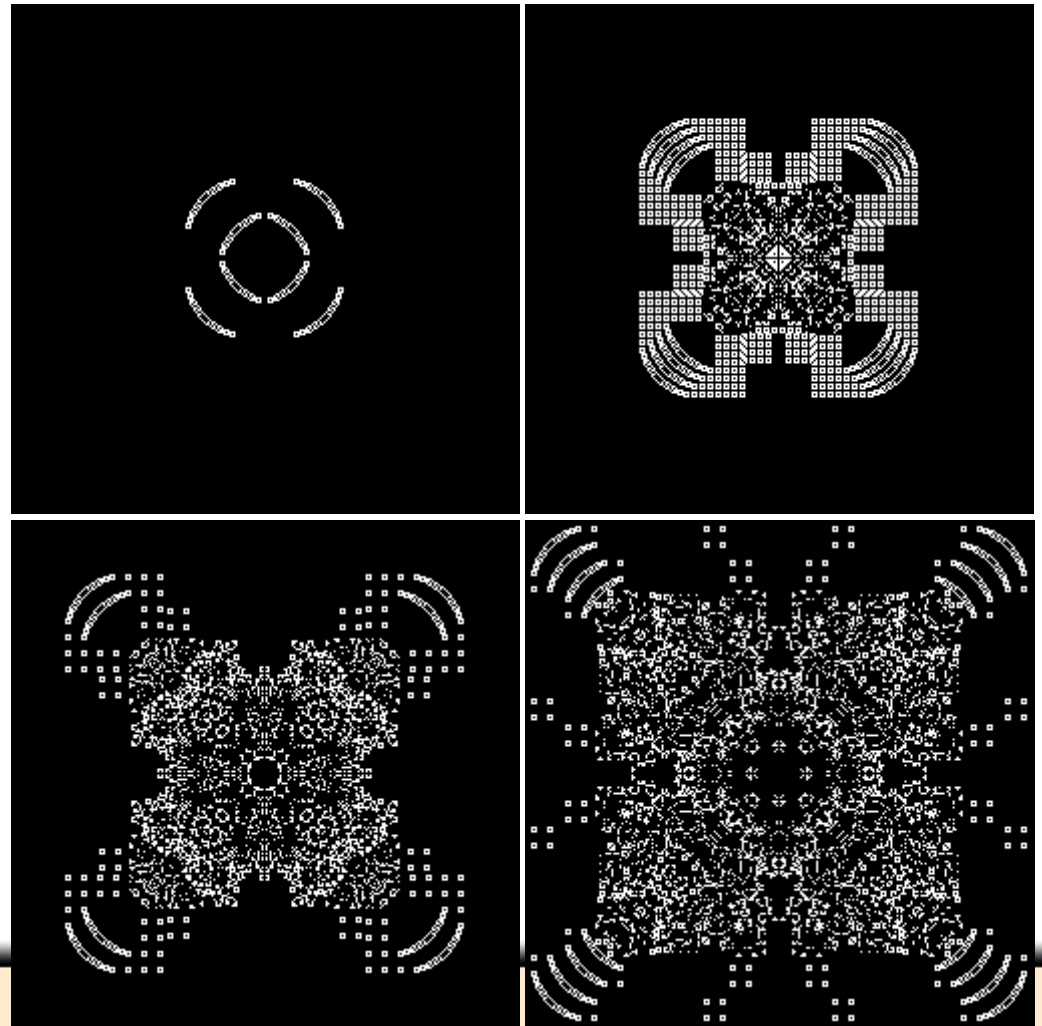
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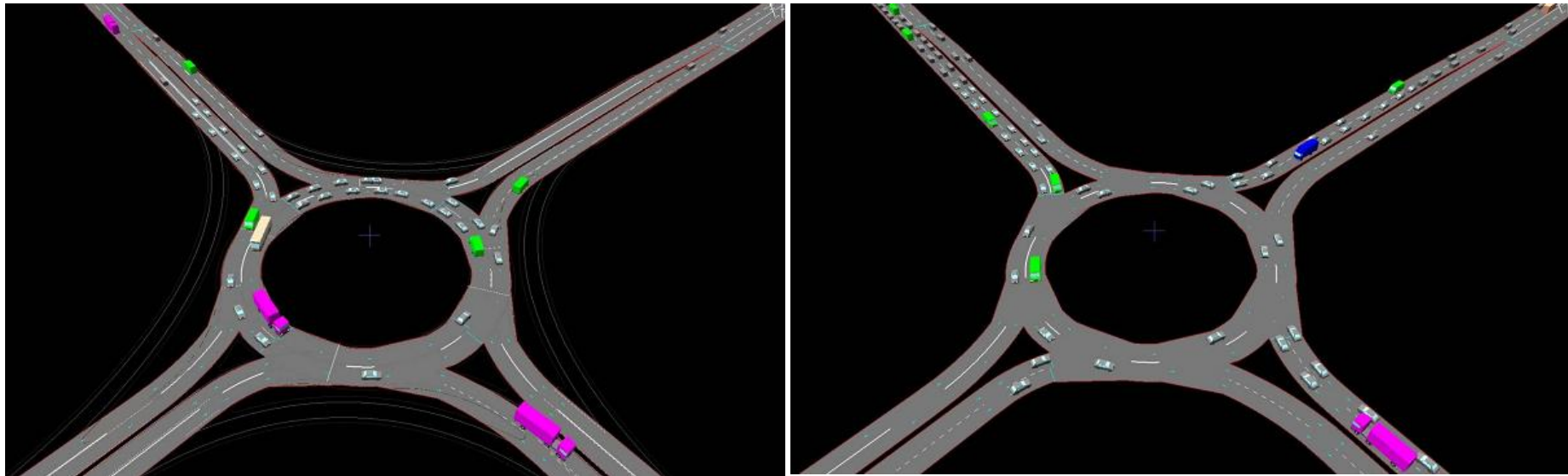


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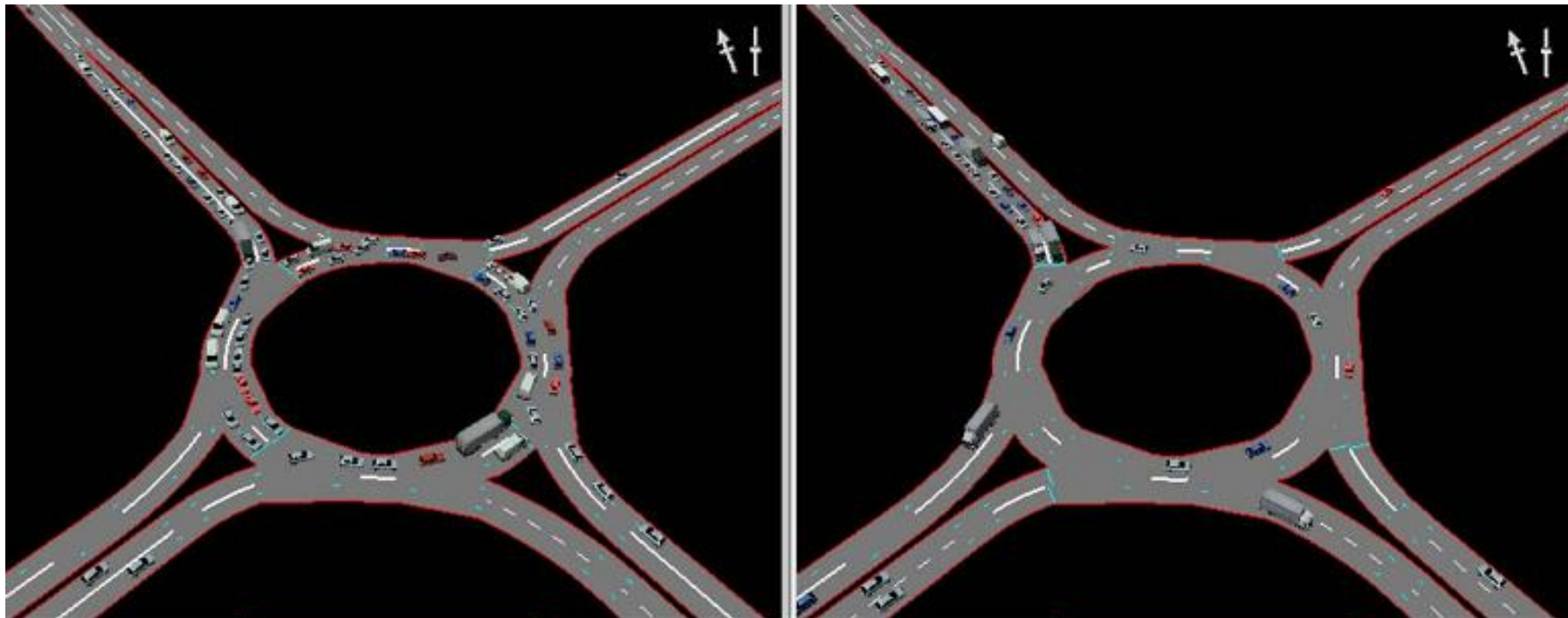


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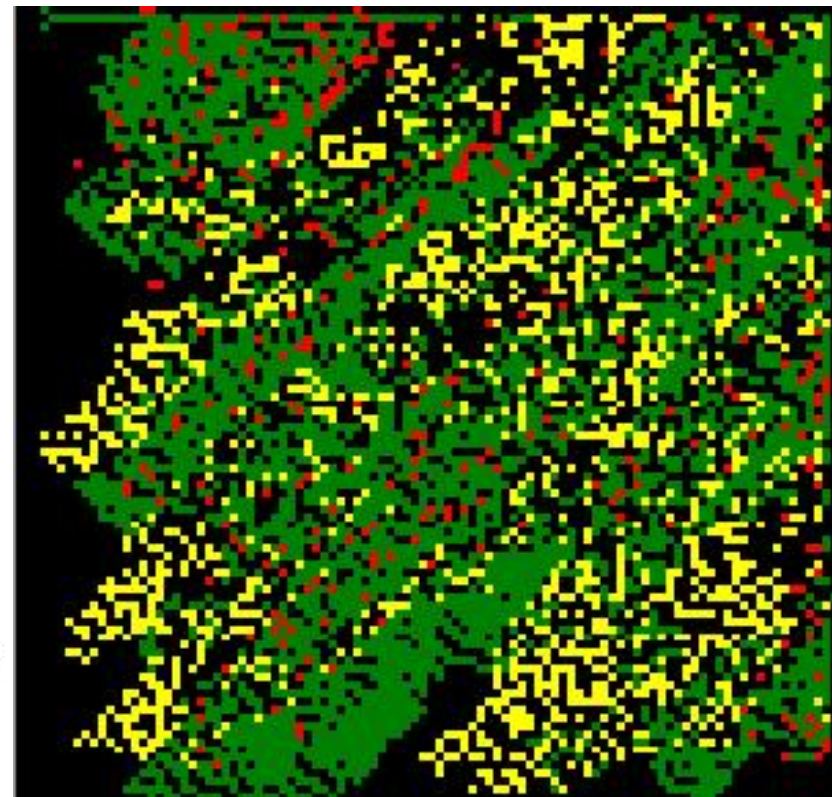
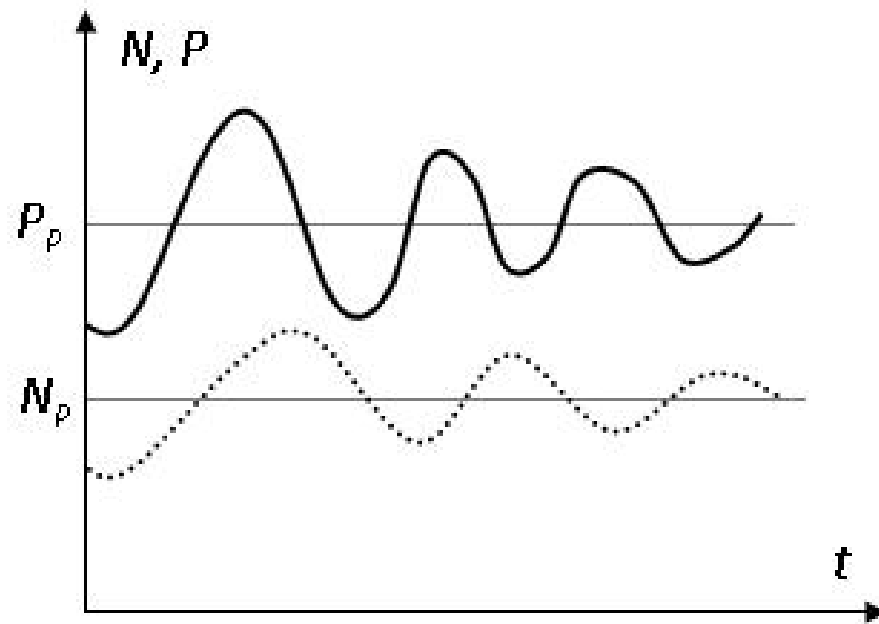


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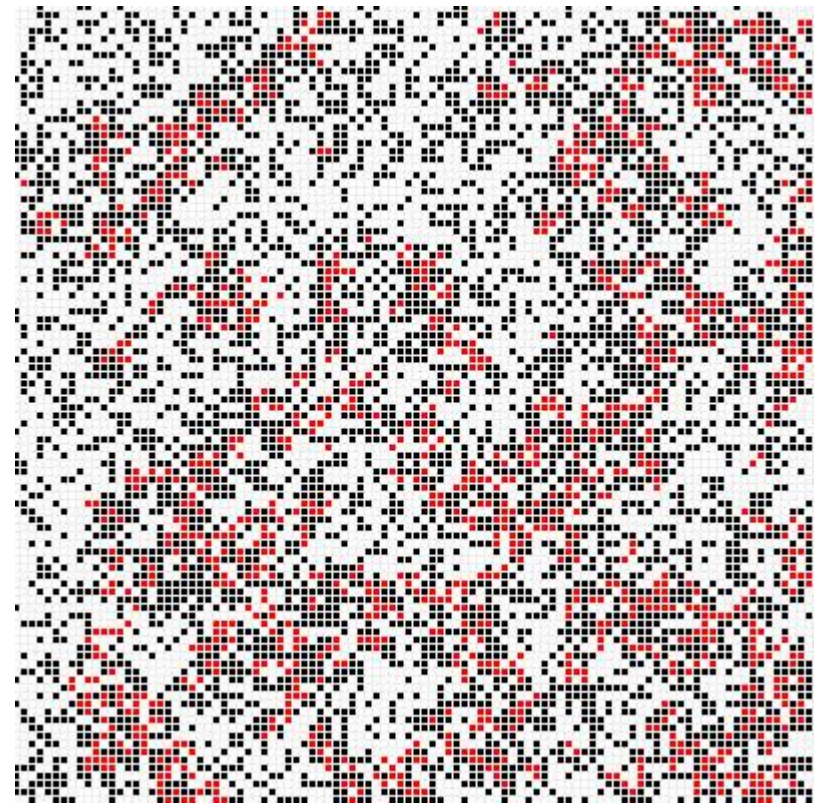
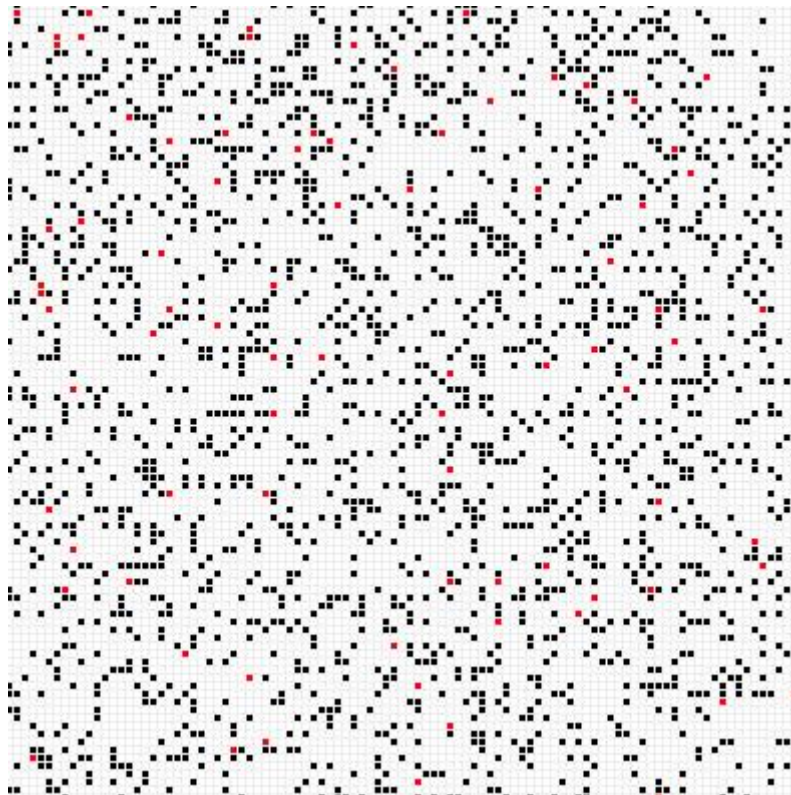


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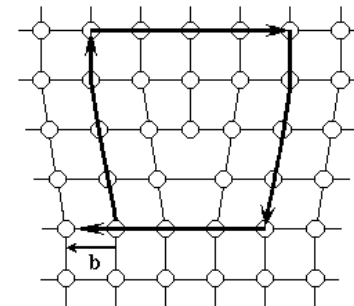
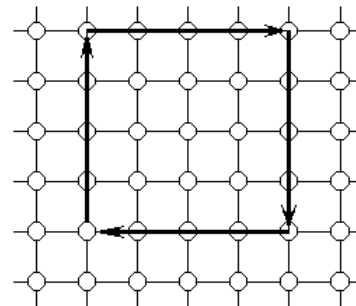


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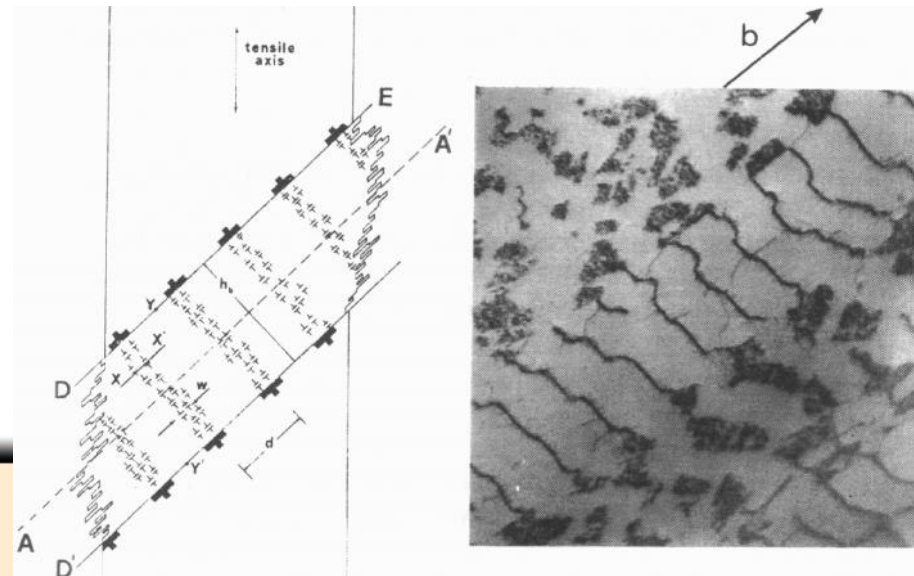


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