

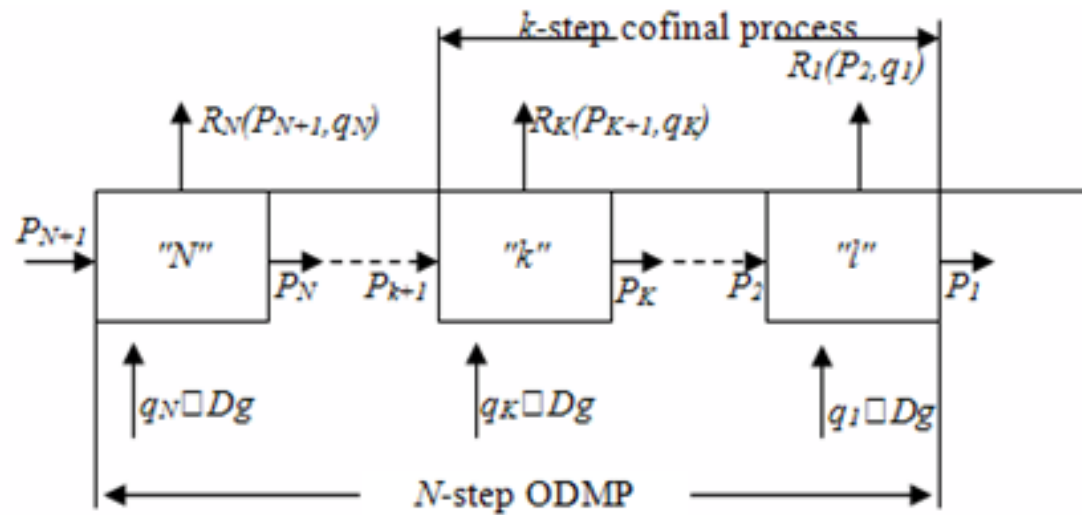
# **Optimization Processes in the Internet of Things System at Agricultural Enterprises**

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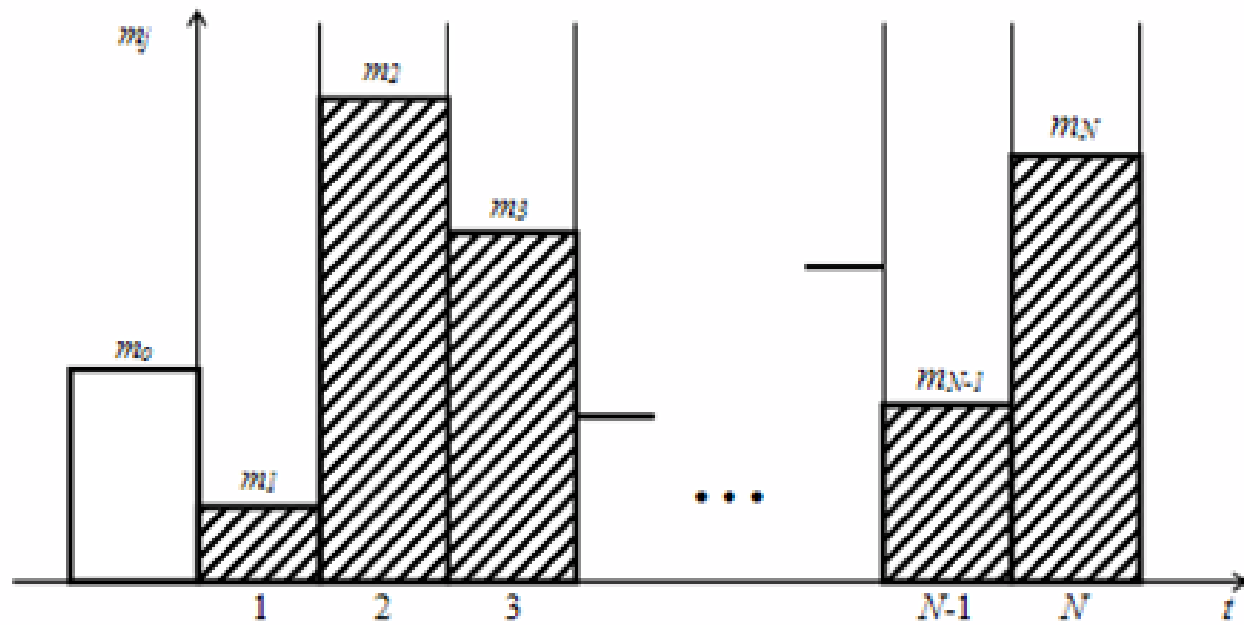
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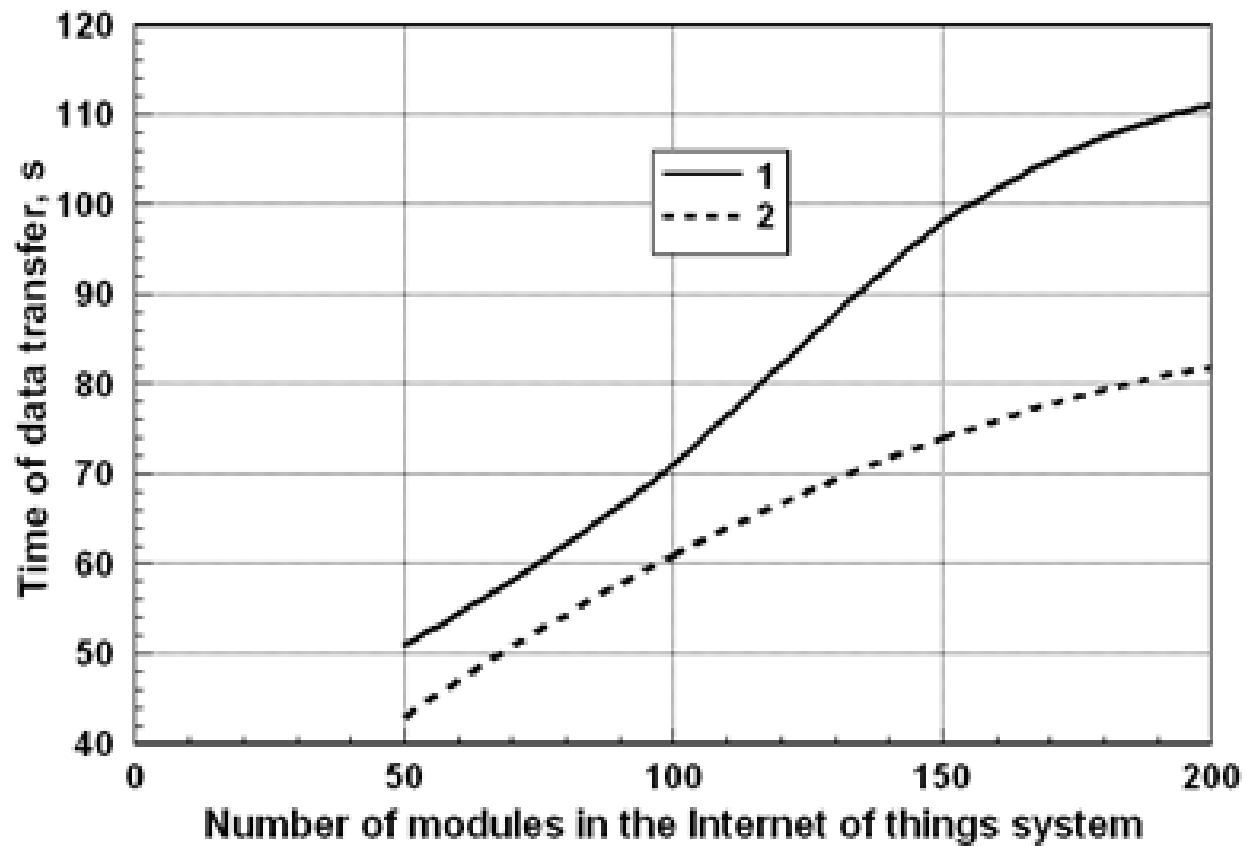
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**Figure 1.** The flowchart of the  $N$ -step process of making the optimal decision of the  $N$ -step of ODMP



**Figure 2.** Scheduled tasks  $m_j$  for data transfer in the  $j$ -th time period



**Figure 3.** The dependence of data transfer from the number of modules

## Conclusion

In the paper the characteristics of optimization the system of Internet of things at agricultural enterprises are considered. The main results of the paper are as follows: the multi-step process of making the best decision when creating the Internet of things system, the principle of optimality, one-dimensional optimization problems, the illustration of rational use of the power of the Internet of things modules.. According to the results of mathematical modeling, the growing efficiency of the system of Internet of things can be obtained.