UDC 004.9

**ORGANISATION OF INFORMATION COMPLEX SECURITY SYSTEM OF PRINTING TECHNOLOGICAL PROCESS MANAGEMENT management**

**T. M. Maiba**

*Ukrainian Academy of Printing,  
19, Pid Holoskom St., Lviv, 79020, Ukraine*

***Research methodology.*** *The most common model is a structural one, which is a graph that describes different possible sequences of implementing the standard mode of the information system operation. The appearance of emergencies is that the system on some standard operation mode enters into the top of the graph, from which there are no outgoing edges. In case when the management point gets to the top, which belongs to a different mode of operation, it means that there is a failure in the system.*

***Results.*** *The structural model reflects individual modes of the information system operation as well as situations that occur in the case of negative factors that reduce the level of the system security. Each graph top of the structural model corresponds to a separate set of logic functions that describe the relationship between the parameters of the selected system fragment.*

***Novelty.*** *For the operation of the security complex of the management information system, it is necessary to foresee the components to provide the security process. It has been shown that it is necessary to combine the management system of the technological process, the security system and the system of risk assessment and the basis of the decision-making system would be the system of forming recommendations as the most effective.*

***Practical significance.*** *The authors have identified the components to implement the security process. An information model of the organization of the technological process management system has been designed using the risk assessment to identify situations that occur in the case of negative factors.*