

labab on latex

labab1.tex

name.tex

scn.sty

scndocument.cls

фигура1.jpg

фигура2.jpg

File outline

We can't find any sections or subsections in this file.

Find out more about the file outline

62 the

organisational

and

technological

processes of

formation

63 of pollutants

in their

wastewater are

analysed. In

IDEFO

64 methodology

functional

modelling of

water use of

such

65 productions is

carried out,

that allowed to

reveal

complexity

66 and

multidirectional

ity of

interrelations

of parameters

and

67 to justify the

use of OSTIS

technology for

tasks of

formation

68 of intellectual

information and

reference

Figure 1: Context diagram for modeling water use of a milk processing plant

Figure 2: First level of context diagram decomposition

based on benchmarking and expert opinions.

Main planned products:

- software (SP), which can be used by all enterprises, including holding companies;
- educational and methodological materials for continuous improvement of qualifications and retraining of specialists in the field of digital technologies using the created product.

At the same time, it should be noted that water use processes, including the functioning of local treatment facilities, are characterized by nonlinearity, nonstationarity, multifactorial, multiprocess nature, constant changes in the structure of internal relationships, the presence of significant hidden mutual influences between technological parameters, the use of separately functioning ones when

solving a single industrial problems of information systems (for example, 5-6 industrial SCADA) [4]–[9].

Accordingly, the proposed (reasonable) transformation (“intelligent decision support system – automated process control system for water use — digital MES (MIS, LIMS, EMI) resources — ERP”) requires a specialized methodological apparatus of a new generation.

Such solutions include OSTIS Technology [10]. New generation intelligent computer systems developed on its basis are called OSTIS systems. The OSTIS Technology is based on a universal method of semantic representation (coding) of information in the memory of intelligent computer systems, called the SC code. SC code texts (sc-texts, sc-constructions) are unified semantic networks with a basic set-theoretic interpretation. Elements of

173