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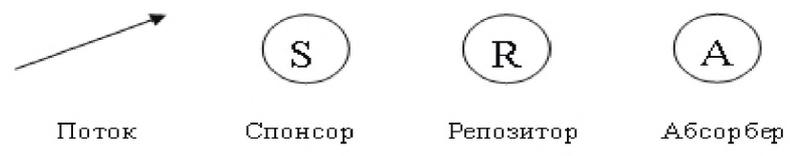


[18]. 9000

[10],

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$t$  ;  $t.s$   
 (source),  $t.r$  (receiver),  $trw$  (when),  $t.m$  (money),  $t.f$  (flow)

$N$  {Node, }

$N_R, N_A, N_S$

$a G N_r$  ,  $n g N$

$Out(n)$

$Out\{n G N_a\} = 0$

$:/^ (^ = 0.$

(NPV, Net Present Value)

$n g N_r$

$$NPV \wedge NPV(F, \wedge d, r) = \frac{1}{1+r} + \frac{t.m}{\{1+r\}^{w-d}} \wedge J \frac{t.m}{(1+r)} \quad (1)$$

$r$  ,  $d$  . - [15].

(IRR, Internal Rate of Return)

NPV [20].

· ” · ·

$$(1 + \frac{n.b}{1 + \dots})^{\wedge t.m} (1 + \dots)^{\wedge t.m} (1 + \dots)^{\wedge t.m} \quad (2)$$

[19].

n.b.

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$$\frac{f}{1 + S - A} - 1, \quad (3)$$

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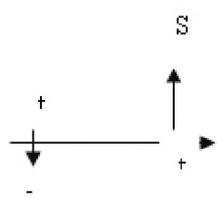
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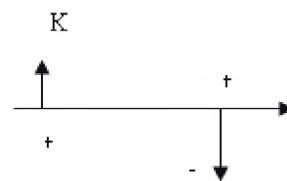
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a)



б)

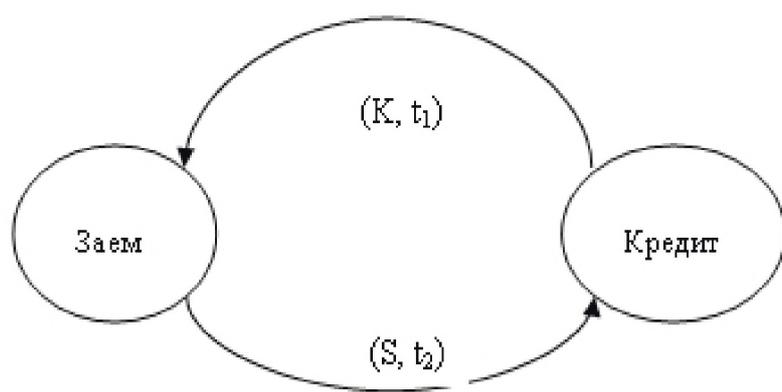
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BPMN -

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*Matorin S.I.*

Belgorod University of Cooperation, Economics and Law, Doctor of Technical Sciences, Professor,  
Professor of the Chair of Information Systems and Technologies

*Tuboltseva O.M.*

Belgorod State National Research University, Assistant of the Chair of Mathematical and Software  
Information Systems

## PERSPECTIVE DIRECTIONS OF DV-UFO MODELING

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**Abstract.** The questions of a formalized description of socio-economic systems are considered. A formalized presentation can serve as the basis for constructing outline models of various socio-economic systems. Current business plans are largely verbal models of socio-economic systems. In the transition to a digital economy, business plans will need to be transformed into digital models of project resource systems. This will allow planning and resource management at a higher level, using resources more rationally and efficiently. The difficulty in constructing adequate digital models of socio-economic systems is connected with the fact that a systematic approach to the analysis of a certain subject area should be organically combined with traditional methods of analysis used in this area. There should be no problem of an alternative choice between traditional methods of analysis and new methods based on a systematic approach. It is not easy to synthesize traditional methods of analysis and a systematic approach. The method considered in the work of DV-UFO allows combining the structural-object method of system analysis with the methods of the theory of financial calculations. This opens up wide opportunities not only for theoretical analysis, but also for the use of DV-UFO models in the implementation of various socio-economic systems. The synergistic effect achieved through the use of both systemic and traditional methods of analysis can improve the quality and adequacy of models of socio-economic systems and simplify their implementation.

**Keywords:** business process, project resource management systems, business plan, digital model, formalization, modeling, monetary representation of processes.

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e-mail: matorin@bsu.edu.ru