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Considered a modern representation of a concept "system architecture" and the concept of architectural framework as a combination of theoretical and practical tools to generate the system. The generalized mathematical model of the architectural framework and a model of the architectural framework of accelerated development of information system are developed.

Keywords: system, architectural framework, requirement to the informative system category model, planning pattern.

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(1),

L_{Md}

$$M_{AF} = [M_{str}^{Pt}, M_{bhv}^{Pt}, L_{Kn}, L_{Al}, M_{str}^{Pt}, M_{str}^{Pt}, M_{str}^{Pt}, M_{bhv}^{Pt}, L_{bhv}^{Pt}, L_{Kn}, L_{Al}], \quad (2)$$

M_{str}^{Pt} –

; M_{bhv}^{Pt} –

; M_{str}^{Pt} –
 M_{bhv}^{Pt}

M_{str}^{Pt} M_{bhv}^{Pt} ; M_{str}^{Pt} –
 L_{Kn}

M_{str}^{Pt} L_{Kn} ; M_{str}^{Pt} –
 L_{Al}

M_{str}^{Pt} L_{Al} ; M_{bhv}^{Pt} –
 L_{Kn}

M_{bhv}^{Pt}

L_{Kn} ; M_{bhv}^{Pt} –
 L_{Al}

M_{bhv}^{Pt} L_{Al} .

(1),

ISO/IEC 15288:2002;

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