



2. [19].

3. [21].

4. ( ) -

5. 6-

6. [14].

7. [23, 24].

8. ( )

9. ( ) ( ) [10].

10. ( )

11. [11].

12. [10,12].

[1,17,20,27].

13. ( )

14. [29].

[12].

[14], [10,12], [29], [21].

1. ( ) [1]:

- 2.
- 3.
- 4.

[ 35].

[28]

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[28].

( )

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17],

[ . " . " , .5, 1987

" [17].

- 1.
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- 6.

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- 7.
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- 12. ( )
- 13.
- 14.
- 15.
- 16.
- 17.
- 18. "
- 19.

- , - , -  
 . - : , , -  
 , [22]; ( , ( [16]; -  
 ) ; [25]; [36]; [36]; -  
 , ( , -  
 ) [36]. ; -  
 ; [31]. ; -  
 - , , -  
 - , -  
 [34]. -  
 :  
 ). ( ) ;  
 ). " - ";  
 ). ( ) [32,33]:  
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 , , -  
 ). [ . - 3]. -  
 - , ( ) -  
 , ( ) , - , -  
 , , - , -  
 [8]. - [ 11  
 12].

[5]:

$$P = \langle U, S, R \rangle, \quad (1)$$

U - ;  
 S - ( , ) /  
 U;  
 R - U S,  
 P.

$$U = \{U_a, U_p, U_m\} \quad (2)$$

U\_a,  
 U\_p,  
 U\_m,

$$S = \{S_{U_a}, S_{U_p}, S_{U_m}\}, \quad (3)$$

S\_{U\_a};  
 S\_{U\_p} - ;  
 S\_{U\_m} - ( )

$$R = \{R_n, R_t, R_d\}, \quad (4)$$

R\_n - U S;  
 R\_t - ;  
 R\_d - ;  
 $R_d \subset S \times U \times S_{U_m}^{(Rd)}$ ,  
 U, S, R  
 ( ) ( ):

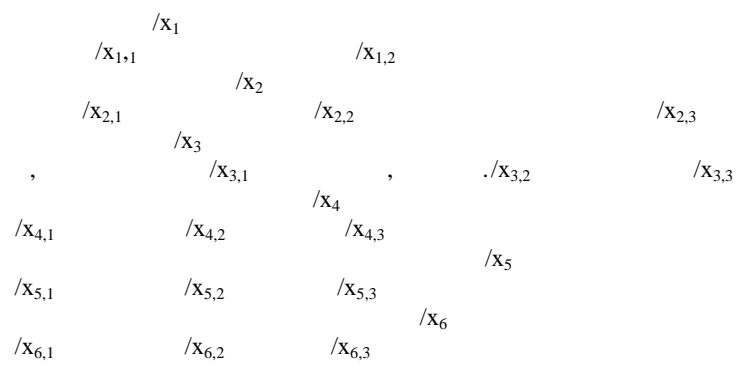
$$TI = \{U_i, S_i, R_i\}, \quad (5)$$

i,  $i \in R_n$ ;  $U_i, S_i, R_i$  -  
 i-

i	U <sub>ai</sub>	U <sub>pi</sub>	U <sub>mi</sub>	S <sub>U<sub>mi</sub></sub> <sup>(Rd)</sup>
R <sub>u</sub>	S <sub>U<sub>ai</sub></sub>	S <sub>U<sub>pi</sub></sub>	S <sub>U<sub>mi</sub></sub>	

.1.

$R_n$  ( ),  $R_n$  /  $R_t$  (  $i R_u$  -  
 $R_d$  (  $S_{Umi}^{(Rd)}$  ).  $R_n$   $R_n$   
 1.  $R_n$  , . -  
 $\tilde{R}_t$  . -  
 2.  $R_n$  -  
 $S$  :  $R_n$   $S \times U \times S^{(Rn)}$ ,  $S^{(Rn)}$  -  
 ( )  $R_n$ . -  
 3.  $R_n$  -  
 $R_d$  . -  
 :  $R_n$   $S \times U \times S_{Um}^{(Rn)}$  -  
 $S_{Um}^{(Rn)}$  [ - 5]. -  
 $R_n$  [ - 5]. -  
 $X = \{ x_1, x_2, \dots, x_n \}$  (6)  
 $x_i, i = 1, \dots, n$  ( , : ) -  
 , , .), ( : ) -  
 : , ; : -  
 : , .). , ... -  
 , , ( ) -  
 [6]. , -  
 ( , , ) -  
 ( ), -



				/x <sub>7</sub>
/x <sub>7,1</sub>	/x <sub>7,2</sub>	/x <sub>7,3</sub>		/x <sub>8</sub>
/x <sub>8,1</sub>	/x <sub>8,2</sub>	/x <sub>8,3</sub>		
/x <sub>9,1</sub>	/x <sub>9,2</sub>	/x <sub>9,3</sub>	/x <sub>9</sub>	
/x <sub>10,1</sub>	/x <sub>10,2</sub>	/x <sub>10,3</sub>	/x <sub>10</sub>	
(	)			/x <sub>11</sub>
/x <sub>11,1</sub>	/x <sub>11,2</sub>	/x <sub>11,3</sub>		
/x <sub>11,1</sub>	/x <sub>12,2</sub>	/x <sub>12,3</sub>	/x <sub>12</sub>	
	/x <sub>13</sub>			
/x <sub>13,1</sub>	/x <sub>13,2</sub>	/x <sub>13,3</sub>		
	/x <sub>14</sub>			
/x <sub>14,1</sub>	/x <sub>14,2</sub>	/x <sub>14,3</sub>		
	/x <sub>15</sub>			
/x <sub>15,1</sub>	/x <sub>15,2</sub>	/x <sub>15,3</sub>		/x <sub>16</sub>
/x <sub>16,1</sub>	/x <sub>16,2</sub>	/x <sub>16,3</sub>		
	/x <sub>17</sub>			
/x <sub>17,1</sub>	/x <sub>17,2</sub>	/x <sub>17,3</sub>		
	/x <sub>18</sub>			
/x <sub>18,1</sub>	/x <sub>18,2</sub>	/x <sub>18,3</sub>		
				/x <sub>19</sub>
1/x <sub>19,1</sub>	2.5/x <sub>19,2</sub>	4/x <sub>19,3</sub>	5.5/x <sub>19,4</sub>	7/x <sub>19,5</sub>
	/x <sub>20</sub>			
/x <sub>20,1</sub>	/x <sub>20,2</sub>	/x <sub>20,3</sub>		
	(	)	/x <sub>21</sub>	
/x <sub>21,1</sub>	/x <sub>21,2</sub>	,	/x <sub>21,3</sub>	
	/x <sub>22</sub>			
/x <sub>22,2</sub>	/x <sub>22,2</sub>	/x <sub>22,3</sub>		
		/x <sub>23</sub>		
/x <sub>23,1</sub>		/x <sub>23,2</sub>	/x <sub>23,3</sub>	
		/x <sub>24</sub>		
/x <sub>24,1</sub>		/x <sub>24,2</sub>	/x <sub>24,3</sub>	
			/x <sub>25</sub>	
/x <sub>25,1</sub>		/x <sub>25,2</sub>	/x <sub>25,3</sub>	
			/x <sub>26</sub>	
/x <sub>26,1</sub>		/x <sub>26,2</sub>	/x <sub>26,3</sub>	
			/x <sub>27</sub>	
1/x <sub>27,1</sub>	2.5/x <sub>27,2</sub>	4/x <sub>27,3</sub>	5.5/x <sub>27,4</sub>	7/x <sub>27,5</sub>
				/x <sub>28</sub>
/x <sub>28,1</sub>	/x <sub>28,2</sub>	/x <sub>28,3</sub>		
			/x <sub>29</sub>	
/x <sub>29,1</sub>		/x <sub>29,2</sub>	/x <sub>29,3</sub>	
	/x <sub>30</sub>			
/x <sub>30,1</sub>		/x <sub>30,2</sub>	/x <sub>30,3</sub>	
		/x <sub>31</sub>		
/x <sub>31,1</sub>		/x <sub>31,2</sub>	/x <sub>31,3</sub>	
	/x <sub>32</sub>			
/x <sub>32,1</sub>		/x <sub>32,2</sub>	/x <sub>32,3</sub>	

/X<sub>33</sub>  
 /X<sub>33,1</sub>                      /X<sub>33,2</sub>                      /X<sub>33,3</sub>

[26].

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3. . . . .,1980.
4. . . . .,1977.
5. . . . .,1990.
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