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<u>24.08.</u> 2016 <u>42/1</u>

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3.

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4.
                                                                  I
                                                                      II
                                                                1
                                                                    2
5.
                 ) ( )
     )
                                                                       )
)
        1
            SIM-
                              );
                   (
                         1
                                                              );
                         2;
```

.

```
1
```

1.  $= \! \sum_{i=1}^n Q_i \hspace{0.1cm} \times \! H_i \hspace{0.1cm} \times \! N_i \hspace{0.1cm} , \hspace{0.1cm} : \hspace{0.1cm}$  $Q_{i}$  $H_{i}$ N<sub>i</sub> 2. ,  $=\sum_{g=1}^{k}Q_{g}\times S_{g}\times P_{g}\times N_{g}+\sum_{i=1}^{n}Q_{i}\times S_{i}\times$  $\times P_{_{i}} \quad \times N_{_{i}} \quad + \sum_{_{j=1}}^{m} Q_{_{j}} \quad \times S_{_{j}} \quad \times P_{_{j}} \quad \times N_{_{j}}$  $Q_g$  - $S_{g\ m}$  g- $\begin{array}{c} P_{g\ m} \\ \vdots \\ N_{g\ m} \\ Q_i \end{array} -$ 

I.

```
\begin{array}{cccc} S_i & \text{-} & \\ & 1 & \\ \text{i-} & & \\ P_i & \text{-} & \end{array}
            \begin{array}{ccc} \cdot & & ; \\ N_i & \text{-} & \\ & \text{i-} & \\ Q_j & \text{-} & \end{array}
       \begin{array}{cccc} & & & \\ & P_j & - & \\ j - & & & \\ & N_j & - & \\ & & j - & \end{array}
             3.
                                                                                        = \sum_{i=1}^{n} Q_{i} \times P_{i} \times N_{i} \quad , \quad :
             Q<sub>i</sub> -
             ,
) i-
( P_i -
                                                                                                                                                   );
                                                              i-
                                                                                                                                                                                                                i-
                                                                                 « » ( - « »)
( )
                                                                                       = \sum_{i=1}^{n} Q_{i} \times P_{i} \times N_{i} \quad . \qquad :
             Qi -
                                                              SIM-
```

```
\begin{array}{ccc} P_i & \text{-} \\ N_i & \text{-} \end{array}
                                                                               1 SIM- i- ;
                                                                                                                                                                  i-
5.
                                                                                                                                                                 ( )
                                                                 = \! \sum_{\scriptscriptstyle i=1}^{n} Q_{\scriptscriptstyle i} \times \! P_{\scriptscriptstyle i} \times \! N_{\scriptscriptstyle i} \ , \qquad :
Q_{\rm i} -
P<sub>i</sub> -
                                                                                                                                   «
N<sub>i</sub> -
6.
                                                               ( ),
                                                                  = Q \quad x P \quad x N \quad , \quad :
Q
P
N
7.
                                                                       ( ),
                                                                         = Q \times P, :
Q -
P -
8.
                                                                               ( )
                                                                = \sum_{i=1}^{n} Q_{i} \times P_{i} \times N_{i} \quad , \qquad :
                                                                                                                                     i-
                                        i-
```

```
N<sub>i</sub> - 9.
                                                                                  i-
                                             ( )
                                                        =\sum_{i=1}^n P_i , :
   P_{i}
                          i-
   10.
                                                          11 – 16
   11.
                                              ( )
                                               =\sum_{i=1}^{n}Q_{i}\times P_{i}\quad , \quad :
   P_{i}
                            1 i-
                                           i-
                                                                               (Q_i
                                                                      x 1,5, :
                                              \mathbf{Q}_{\mathrm{i}}
3
   12.
                                                                                                                        )
                                                   =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
   Q_{i}
                                               i-
                          i-
        1
   13.
```

```
( )
                                                                                                       =\sum_{i=1}^n Q_i \times P_i ;
             \begin{array}{ccc} Q_i & \text{-} \\ P_i & \text{-} \\ & 1 \end{array}
              14.
                                                                                                         = \sum_{i=1}^{n} Q_{i} \times P_{i} \quad , \quad :
             \begin{array}{ccc} Q_i & \text{-} \\ P_i & \text{-} \\ & 1 \end{array}
              15.
                                                                                                                ( )
                                                                                                        =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
             \begin{array}{ccc} Q_i & - \\ P_i & - \\ & 1 \\ 16. & \end{array}
                                                                                                                          i-
         )( )
                                                                                                       = \sum_{i=1}^{n} Q_{i} \times P_{i} \quad , \quad :
             P_{i}
```

17.

```
18.
)
                                                                 = \sum_{i=1}^{n} P_i \quad , \quad :
       P_{i}
                                                      i-
        19.
                                             ( )
                                                        =\sum_{g=1}^{k}P_{g}+\sum_{j=1}^{m}P_{j} , :
       P_{g}
                                    g-
g-
       P<sub>j</sub> -
       20.
```

```
21.
                ( )
                                                 = \sum_{i=1}^n Q_i \times P_i + \sum_{j=1}^m Q_j \times P_j \quad , \qquad :
                                                            =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
Q<sub>i</sub> -
P<sub>i</sub> -
23.
                                  ( )
                                                             =\sum_{i=1}^n Q_i \times P_i ;
Q_{i}
P<sub>i</sub> -
                                                              ),
                                                                               (3_{per})
                                                             бочих ст
24.
                                                     =\sum_{i=1}^n Q_{i\,pcm}
                                                                                       \times P_{i pcm}, :
\begin{array}{cc} Q_i & \\ P_i & \text{-} \end{array}
                                                 1
                                                                                                                               (Q_i
                                                                                              i-
                                                                                                                                                      )
                                                     \mathbf{Q}_{\mathrm{i}}
                                                                                  x 1,5, :
```

```
3
         25.
                                                              теров, гофун и) (3_{\text{пм}}) с ляют
                                                  (
                                                              = \sum_{i=1}^{n} Q_{inm}, \qquad \times P_{inm}, \qquad :
         \mathbf{Q}_{\mathrm{i}}
                                               i-
(
        ; P_i \quad \text{-} \quad 1 \ i\text{-}
         .
26.
                                                                                                                   ( )
                                                                      =\sum_{i=1}^{n}Q_{i} \times P_{i} ;
         \mathbf{Q}_{\mathrm{i}}
i-
         P_{i}
                                                                                                                             i-
                                                     1
         27.
                                                                      =\sum_{i=1}^{n}Q_{i} \times P_{i} \quad , \quad :
     \begin{matrix} Q_i \\ i\text{-} \end{matrix}
                                                                                                ;
i-
         P<sub>i</sub> - 1
         28.
```

```
=\sum_{i=1}^{n}Q_{i} \times P_{i} \quad ; \quad :
Q_{i}
P_i - .
                                                            ( )
29.
                                                  =\sum_{i=1}^{n}Q_{i} \times P_{i} .
Q_i -
                                                  =\sum_{i=1}^n Q_i \times P_i , :
                                                  =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
Qi -
                                                 = \sum_{i=1}^{n} Q_{i} \times P_{i} \quad , \quad :
Qi -
```

•

```
P<sub>i</sub> - 1 i-
33.
                                                                                         )()
34.
                                         = \sum_{i=1}^{n} Q_{i} \times N_{i} \times P_{i} \quad ; \qquad :
\mathbf{Q}_{\mathrm{i}}
N<sub>i</sub> -
P_{i}
35.
                                                                                                        ) ( )
                                             =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
Qi -
                                                                            i-
```

```
36.
                                      =\sum_{i=1}^n Q_i \times P_i , :
                          i-
                                       II.
37.
38.
                                        =\sum_{i=1}^{n}Q_{i}\times P_{i} , :
                                      i-
             1 i-
                                                                       ( )
                                            = Q \times P, :
Q -
P - 1 ( )
40.
                                                                                                     )
                                         =\sum_{i=1}^n Q_i \times P_i , :
\mathbf{Q}_{\mathrm{i}}
                                                                          i-
```

```
) . ( )
                                               = \sum_{i=1}^{n} Q_{i} \times P_{i} \times N_{i} \quad , \quad :
       \mathbf{Q}_{\mathrm{i}}
                                                    = \sum_{i=1}^{n} Q_i \times Q_i \times P_i , :
       \mathbf{Q}_{\mathrm{i}}
                                                                                           i-
                                                                                 i-
                                                    =\sum_{i=1}^{n}Q_{i} \times P_{i} \times 2, :
```

```
44.
                                                      ( ),
     45.
                                                                                                   )
                                          = \sum_{i=1}^{n} Q_{i} \times P_{i} \times 2, :
     Q_{i} \\
                                                                               i-
     P_i
                                           i-
                                                                                          13.10.2008
   749 «
                                                                                31.10.2013
                                                                                                  275
«
                                                                              ».
     46.
                                        =\sum_{i=1}^{n}Q_{i} \times P_{i} \times N_{i} .
     Q_{i} \\
                                                                               i-
     P_{i}
                                                                               i-
                   13.10.2008 749 «
                  31.10.2013 275 «
                   »;
     N_{i}
                                                                                i-
                                                   ( )
     47.
```

```
).
48.
                                      =\sum_{i=1}^{n} _{i} \times _{i} \times k_{i} , :
                                                                                              );
                      i-
             );
k<sub>i</sub> -
                                                                                                   i-
                                        ( )
49.
                                         =\sum_{i=1}^{n} _{i} \times _{i} , :
i - i-
                                                                     i-
                                                ).
50.
51.
                                            = x , :
52.
```

```
x + x, :
53.
                                           = \sum_{i=1}^{n} \quad {}_{i} \quad \times P_{i} \quad \times (1+t_{i}), \quad :
                                                                                           i-
54.
                                               и ( ) ед тс
                                       = \sum_{i \text{ an}} \times S \times P_{i \text{ an}} \times N_{i \text{ an}}, \quad :
                                          , ; ; i- i- ( )
s -
                 i-
P_i - N_i -
55.
                                              =\sum_{i=1}^{n}Q_{i} \times P_{i} , :
                                        i-
( ) .
Q<sub>i</sub> - P<sub>i</sub> - 56.
                                                                                         ( );
                           i-
                                                                                                           ( )
                           :
```

```
= \sum_{i=1}^{n} Q_{i} \times Q_{i} \times Q_{i} \times P_{i} , :
57.
58.
                                                                   = \sum_{i=1}^{n} Q_{i} \times P_{i} \times N_{i} \quad , \quad :
```

```
i-
        59.
                                                                                     ( )
                                                                   = \sum_{i=1}^n Q_i \times P_i \quad , \qquad :
        Q<sub>i</sub> -
        P<sub>i</sub> - 60.
                                                      1 i-
                                           1
58-88( ),
                                                                                  23.11.1988
                                                                                                             312 «
                                                                  =\sum_{i=1}^{n} S_i \times P_i , :
        S<sub>i</sub> - P<sub>i</sub> - 61.
                                                 , 1 .
                                                             = \sum_{i=1}^{n} S_{i} \times P_{i} \times N_{i} \quad . \qquad :
                                                           i-
                                                  i-
                                                                                                                                              1 .
                                                                                                                     i-
        62.
```

```
= \sum_{i=1}^{n} S_{i} \times P_{i} \times N_{i} \quad ; \quad :
       S_{i}
                                i-
( )
       \begin{array}{ccc} P_i & \text{ -} \\ N_i & \text{ -} \end{array}
i-
       63.
                                                                                        ( )
                                                         = Q \times P, :
       Q -
P -
64.
                                                          = S \times P, :
       S
       P
                                                          1
       65.
                                                        )
                                                                 x P , :
                                                         = S
       S
       P
               1.
       66.
                                                                               ) ( )
                                                  =\sum_{i=1}^{n} P_{i} \times Q_{i} \qquad , \qquad :
       P
                                                                                                                       i-
                        )
```

```
Qi
67.
                                              i-
68.
69.
70.
                                                                                         ( )
                                                                                = \sum_{i=1}^{n} Q_{i} \quad \times P_{i} \quad ,
Q<sub>i</sub> - P<sub>i</sub> - 1 i- 71.
                                          i-
                                                                                      ( )
                                                                           = \! \sum_{i=1}^n Q_i \quad \times P_i \quad , \quad :
Q_{i}
                                          i-
```

```
P<sub>i</sub> - 1 i-
72.
                                                                      =\sum_{i=1}^{n}Q_{i}\times P_{i}:
Qi -
                                             i-
P<sub>i</sub> - 1 i-
73.
                                                                        =\sum_{i=1}^{n}Q_{i} \times P_{i} .
\begin{array}{cccc} Q_i & - & \\ P_i & - & \\ & 1 \ i- \\ 74. & \end{array}
                                         i-
                                                                       =\sum_{i=1}^{n}Q_{i} \times P_{i} .
                                               i-
75.
                                                                        =\sum_{i=1}^{n}Q_{i} \times P_{i} . :
Qi -
\begin{array}{cccc} P_i & & \text{-} \\ & 1 & i\text{-} \end{array}
76.
                                                               ( )
                                                                      = \sum_{i=1}^{n} Q_{i} \times P_{i} \quad , \quad :
```

```
Q<sub>i</sub> -
                                                                             i-
P<sub>i</sub> - 1 i-
77.
                                                = \sum_{g=1}^{k} \quad {}_{g} \quad \times P_{g} \quad \times (1+t_{g}), \quad :
                                                                                                                                           g-
                                                                                                                 g-
                                                                                                                                 ).
78.
                                                      ( ),
79.
                                                            = \sum_{i=1}^n Q_i \times P_i , :
```

```
\begin{array}{ccc} Q_i & \text{-} \\ P_i & \text{-} & \text{1 i-} \\ 80. \end{array}
81.
                                             = \sum_{j=1}^{m} \quad {}_{j} \quad \times P_{j} \quad \times (1+t_{j}) \quad :
                                                                                                                                     j-
82.
                                                 ( )
                                                 =Q \times P \times \frac{N}{1,2}, :
Q -
P -
N -
1,2 -
                                       ;
                                     ).
                                                                      x P , :
                                                                        ;
1 .
( ),
P
84.
```

```
=\sum_{g=1}^k Q_g \times P_g , :
                                                                                                                              (
\mathbf{Q}_{\mathrm{g}}
                                                                                                                                            ),
P_{g}
                                                                                                                                             g-
85.
86.
                                                                                                   ( )
                     19.09.2014
                                                  3384-
                               = \! \sum_{i=1}^n \quad _i \! \times \quad _i \! \times \quad \quad _i \! \times \quad \quad \underset{i} \! \times \quad \quad \underset{i} \! \times \quad \quad \underset{i} \! \times \quad \quad \underset{pi} \! , \qquad :
                                                                                                                                             i-
                                                          i-
                    i-
      i -
                                                                                                              25.04.2002
                                           3
                                                            9
                                                                                                                                         40-
                                »;
   pi -
    i-
                                                                                                       . ( )
87.
:
                                                 = Q \times Q \times S \times (1 + k), :
```

**«** 

```
Q -
Q
S -
                                                                  12.08.2005
                                                                                509 «
                           »;
k -
88.
89.
                               (
90.
                                     =\sum_{i=1}^n Q_i \times P_i , :
Q_{i}
                                                          i-
                                               2
P_{i}
                                  i-
```

91.  $=\sum_{i=1}^{n}Q_{i}$   $\times P_{i}$  .  $\mathbf{Q}_{\mathrm{i}}$  $P_i$ 92. ( )  $= \sum_{i=1}^n Q_i \times P_i , :$ 93.  $= \sum_{i=1}^{n} Q_i \times P_i + \sum_{j=1}^{m} Q_j \times P_j \quad , \qquad :$ 

```
\begin{array}{cccc} Q_i & \text{-} & & \\ P_i & \text{-} & & 1 \\ Q_j & & \text{-} & \end{array}
                                           i- ;
        P<sub>j</sub> - 1
                                                                                                                                           , j-
        95.
                                                                                                                                                ( )
                                                            =\sum_{i=1}^{n}N_{i} \times \times P_{i} .
                                              i-
        N_{i}
       P_{i}
        96.
                                                                 = \sum_{i=1}^{n} P_i \times Q_i \quad , \qquad :
        P_{i}
        Q_{i}
                                                    i-
                                                                                                                                                  ( )
        97.
                                                               = \sum_{\scriptscriptstyle i=1}^n H_i \quad \times P_i \quad \times N_i \quad , \quad :
                                                                         100
                                                                                                                 »,
14.03.2008
                                                                                                                     i-
```

```
N_i
                                                                                                    i-
98.
                                     2
                                      =\sum_{i=1}^{n}P_{i} \times N_{i} \times .
P_{i} \\
N_{i}
                          i-
                                  3
                                   III.
100.
101.
  102.
                             22
                                                                      05.04.2013
                                   IV.
                 (
                                                                     ),
```

(

103.			),			,	(	
			),					22
104.				22				
				,				
		V.	·					
		<b>v</b> .						
105.								
				( )			:	
			$=\sum_{i=1}^{n}Q$	$_{i}$ $\times P_{i}$ ,	:			
$Q_{\rm i}$	-		,		i-			
$P_i$	-		;		i-			

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	<1>		
1	5 . 1		
,	,		
		17.01.2014 8-	
1	10 . 1		09.01.2008 736- «
	,		<b>»</b>
,	" "	17.01.2014 8-	
" "			

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1	1,0 150	0,7
, (	, ( ,	125
, « »	« »	

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