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$$T_{i,j} = B \cdot h \cdot t \cdot m \cdot \frac{u_{i,j} + U_i}{r_i}, \quad (1)$$

$r_i -$; $U_i -$; $m >$; $t >$;
 $h -$; $u_{i,j} -$; $i -$; $j -$;

$$q_{1,j} = -\frac{u_{1,j} \cdot B_{i,j} \cdot E}{0,5 \cdot h}, \quad (2)$$

$f_{ij} >$ [3, 4];

$f_{ij} >$;
 () [3, 4].

$$q_{i,j} = B_{i,j} \cdot E \cdot \frac{u_{i-1,j} - u_{i,j}}{h}, \quad (3)$$

$$\frac{T_{j,j}}{m \cdot t} = q_{j,j} \cdot r_{j-0,5}, \quad i = j \quad (4)$$

$$\frac{T_{i,j}}{m \cdot t} = q_{i,j} \cdot r_{i-0,5} - q_{i+1,j} \cdot r_{i+0,5} \quad i = 1, \dots, j-1.$$

$$\dots_i = \frac{r_i}{R_0} - \dots_i, \quad R_0 - ;$$

$$D = \frac{2 \cdot R_0}{d} - ;$$

$$u = \frac{h}{R_0} - ;$$

$$\dagger_{i,j} = \frac{T_{i,j}}{m \cdot T_0} - ;$$

$${}_{i,j} = \frac{q_{i,j} \cdot t \cdot R_0}{T_0} - i- j- ;$$

$$\hat{\ }_{i,j} = \frac{u_{i,j} \cdot B_n \cdot E \cdot R_0 \cdot t}{T_0 \cdot h} - /- ;$$

(1-4) :

$$\dagger_{j,j} = \dagger_j, \quad (5)$$

$$\dagger_{i,j} = \dots_i \frac{\hat{\ }_{i,j} + i}{\dots_i}$$

$i >$; $i -$;

$${}_{1,j} = -2 \cdot f_{1,j} \cdot \hat{\ }_{1,j}, \quad (6)$$

$${}_{1,j} = -2 \cdot f_{1,j} \cdot (\hat{\ }_{i-1,j} - \hat{\ }_{i,j});$$

$$\dagger_{j,j} = {}_{i,j} \cdot \dots_{i-0,5} - {}_{i+1,j} \cdot \dots_{i+0,5} \quad (7)$$

$$\begin{aligned}
\ddagger_{j,j} &= \#_{j,j} \cdot \dots \cdot j-0,5, \\
&: \\
&: \\
\ddagger_{1,1} &= \mathfrak{t}_1, \\
&: \\
\#_{1,1} &= \frac{\mathfrak{t}_1}{\dots 1-0,5}, \\
&: \\
\hat{\#}_{1,1} &= \frac{-\#_{1,1}}{2 \cdot f_{1,1}}, \\
&: \\
\mathfrak{t}_1 &= \frac{\ddagger_{1,1} \cdot \dots 1}{\langle} - \hat{\#}_{1,1}, \\
&: \\
\ddagger_{2,2} &= \mathfrak{t}_2, \quad \ddagger_{1,2} = \langle \frac{\hat{\#}_{1,1} + 1}{\dots 1}, \\
&: \\
\ddagger_{1,2} &= \#_{1,2} \cdot \dots 1-0,5 - \#_{2,2} \cdot \dots 1+0,5, \\
\#_{2,2} &= \frac{\mathfrak{t}_2}{\dots 2-0,5}, \\
&: \\
\#_{1,2} &= -2 \cdot f_{1,2} \cdot \hat{\#}_{1,2}, \\
&:
\end{aligned}$$

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$$\frac{\langle \cdot (\hat{\#}_{1,2} + 1)}{\dots 1} = -2 \cdot f_{1,2} \cdot \hat{\#}_{1,2} \cdot \dots 1-0,5 - \#_{2,2} \cdot \dots 1+0,5.$$

$$\hat{\#}_{2,2} = \hat{\#}_{1,2} - \frac{\#_{2,2}}{f_{2,2}}, \quad \hat{\#}_{1,2} = -\frac{\#_{2,2} \cdot \dots 1+0,5 + 1 \cdot \frac{\langle}{\dots 1}}{2 \cdot \langle \cdot f_{1,2} \cdot \dots 1-0,5 + \frac{\langle}{\dots 1}}.$$

$$\mathfrak{t}_2 = \frac{\ddagger_{2,2} \cdot \dots 2}{\langle} - \hat{\#}_{2,2}.$$

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$$\ddagger_{3,3} = \mathfrak{t}_3, \quad \ddagger_{1,3} = \langle \cdot \frac{\hat{\#}_{1,3} + \Pi_1}{\dots 1}, \quad \ddagger_{2,3} = \langle \cdot \frac{\hat{\#}_{2,3} + \Pi_2}{\dots 2}.$$

:

$$\ddagger_{1,3} = \#_{1,3} \cdot \dots 1-0,5 - \#_{2,3} \cdot \dots 1+0,5,$$

$$\ddagger_{2,3} = \#_{2,3} \cdot \dots 2-0,5 - \#_{3,3} \cdot \dots 2+0,5,$$

$$\#_{3,3} = \frac{\mathfrak{t}_3}{\dots 3-0,5}.$$

$$\#_{2,3} = -2 \cdot f_{1,3} \cdot \hat{\#}_{1,3}, \quad \#_{2,3} = f_{2,3} \cdot (\hat{\#}_{1,3} - \hat{\#}_{2,3}).$$

:

$$\left\{ \begin{aligned}
-2 \cdot f_{1,3} \cdot \hat{\#}_{1,3} \cdot \dots 1-0,5 - f_{2,3} \cdot (\hat{\#}_{1,3} - \hat{\#}_{2,3}) \cdot \dots 1+0,5 &= \frac{\langle \cdot (\hat{\#}_{1,3} + 1)}{\dots 1}; \\
f_{2,3} \cdot (\hat{\#}_{1,3} - \hat{\#}_{2,3}) \cdot \dots 2-0,5 - \#_{3,3} \cdot \dots 3-0,5 &= \frac{\langle \cdot (\hat{\#}_{2,3} + 2)}{\dots 2}.
\end{aligned} \right.$$

:

$$[\cdot] \cdot \{ \cdot \} = \{ \cdot \} \quad (8)$$

$$= \begin{vmatrix} 2 \cdot f_{1,3} \cdot \dots_{1-0,5} + f_{2,3} \cdot \dots_{1+0,5} + \frac{\langle \cdot \rangle}{\dots_1} & -f_{2,3} \cdot \dots_{1+0,5} \\ -f_{2,3} \cdot \dots_{1+0,5} & f_{2,3} \cdot \dots_{1+0,5} + \frac{\langle \cdot \rangle}{\dots_2} \end{vmatrix};$$

$$= \begin{vmatrix} - \frac{\langle \cdot \rangle}{\dots_1} \\ -2 \cdot \frac{\langle \cdot \rangle}{\dots_2} - \#_{3,3} \cdot \dots_{3-0,5} \end{vmatrix}.$$

(8)

$$\hat{\cdot}_{3,3} = \hat{\cdot}_{2,3} - \frac{\#_{3,3}}{f_{3,3}}.$$

$$\Pi_3 = \frac{\dagger_{3,3} \cdot \dots_3}{\langle \cdot \rangle} - \hat{\cdot}_{3,3}.$$

:

$$\dagger_{4,4} = \mathfrak{t}_4, \dagger_{1,4} = \langle \cdot \rangle \cdot \frac{\hat{\cdot}_{1,4} + \Pi_1}{\dots_1},$$

$$\dagger_{2,4} = \langle \cdot \rangle \cdot \frac{\hat{\cdot}_{2,4} + \Pi_2}{\dots_2}, \dagger_{3,4} = \langle \cdot \rangle \cdot \frac{\hat{\cdot}_{3,4} + \Pi_3}{\dots_3}.$$

$$\dagger_{1,4} = \#_{1,4} \cdot \dots_{1-0,5} - \#_{2,4} \cdot \dots_{1+0,5}, \dagger_{2,4} = \#_{2,4} \cdot \dots_{2-0,5} - \#_{3,4} \cdot \dots_{2+0,5},$$

$$\dagger_{3,4} = \#_{3,4} \cdot \dots_{3-0,5} - \#_{4,4} \cdot \dots_{3+0,5},$$

$$\#_{4,4} = \frac{\mathfrak{t}_4}{\dots_{4-0,5}}.$$

$$\begin{aligned} \#_{1,4} &= -2 \cdot f_{1,4} \cdot \hat{\cdot}_{1,4}, \#_{2,4} = f_{2,4} \cdot (\hat{\cdot}_{1,4} - \hat{\cdot}_{2,4}), \\ \#_{3,4} &= f_{3,4} \cdot (\hat{\cdot}_{2,4} - \hat{\cdot}_{3,4}). \end{aligned}$$

$$\begin{cases} -2 \cdot f_{1,4} \cdot \hat{\cdot}_{1,4} \cdot \dots_{1-0,5} - f_{2,4} \cdot (\hat{\cdot}_{1,4} - \hat{\cdot}_{2,4}) \cdot \dots_{1+0,5} = \frac{\langle \cdot \rangle \cdot (\hat{\cdot}_{1,4} + \dots_1)}{\dots_1}; \\ f_{2,4} \cdot (\hat{\cdot}_{1,4} - \hat{\cdot}_{2,4}) \cdot \dots_{2-0,5} - f_{3,4} \cdot (\hat{\cdot}_{2,4} - \hat{\cdot}_{3,4}) \cdot \dots_{2+0,5} = \frac{\langle \cdot \rangle \cdot (\hat{\cdot}_{2,4} + \dots_2)}{\dots_2}, \\ f_{3,4} \cdot (\hat{\cdot}_{2,4} - \hat{\cdot}_{3,4}) \cdot \dots_{3-0,5} - \#_{4,4} \cdot \dots_{4-0,5} = \frac{\langle \cdot \rangle \cdot (\hat{\cdot}_{3,4} + \Pi_3)}{\dots_3}. \end{cases}$$

(8),

$$= \begin{vmatrix} 2 \cdot f_{1,4} \cdot \dots_{1-0,5} + f_{2,4} \cdot \dots_{1+0,5} + \frac{\langle \cdot \rangle}{\dots_1} & -f_{2,4} \cdot \dots_{1+0,5} & 0 \\ -f_{2,4} \cdot \dots_{1+0,5} & f_{2,4} \cdot \dots_{2-0,5} + f_{3,4} \cdot \dots_{2+0,5} + \frac{\langle \cdot \rangle}{\dots_1} & -f_{3,4} \cdot \dots_{2+0,5} \\ 0 & -f_{3,4} \cdot \dots_{2+0,5} & f_{3,4} \cdot \dots_{3-0,5} + \frac{\langle \cdot \rangle}{\dots_3} \end{vmatrix};$$

$$= \begin{vmatrix} -\Pi_1 \cdot \frac{\langle \cdot \rangle}{\dots_1} \\ -\Pi_2 \cdot \frac{\langle \cdot \rangle}{\dots_2} \\ -\Pi_3 \cdot \frac{\langle \cdot \rangle}{\dots_3} - \#_{4,4} \cdot \dots_{4-0,5} \end{vmatrix}.$$

$$\hat{\cdot}_{4,4} = \hat{\cdot}_{3,4} - \frac{\#_{4,4}}{f_{4,4}}.$$

$$\Pi_4 = \frac{\dagger_{4,4} \cdot \dots_4}{\langle \cdot \rangle} - \hat{\cdot}_{4,4}.$$

$$\dagger_j = t, \quad \#_j = \frac{t_j}{\dots j-0,5} \quad (9)$$

$$1,1 = 2 \cdot f_{1,j} \cdot \dots 1-0,5 + f_{2,j} \cdot \dots 1+0,5 + \frac{\langle}{\dots 1}; \quad (10)$$

$i = 2 \dots j-2$

$$i,i = f_{i,j} \cdot \dots i-0,5 + f_{i+1,j} \cdot \dots i+0,5 + \frac{\langle}{\dots i}; \quad (11)$$

$i = 1 \dots j-2$

$$j-1,j-1 = f_{j-1,j} \cdot \dots j-1-0,5 + \frac{\langle}{\dots j-1};$$

$$i,i+1 = -f_{i+1,j} \cdot \dots i+0,5; \quad (12)$$

$$i+1,i = -f_{i+1,j} \cdot \dots i+0,5;$$

$$i = -i \cdot \frac{\langle}{\dots i}; \quad B_{j-1} = -j-1 \cdot \frac{\langle}{\dots j-1} - \#_{j,j} \cdot \dots j-0,5. \quad (13)$$

\hat{i},j

$$\hat{j} = \hat{j-1} - \frac{\#_j}{f_{j,j}}. \quad (14)$$

$$j = \frac{\dagger_{j,j} \cdot \dots j}{\langle} - \hat{j},j. \quad (15)$$

$i = 1 \dots j-1$

$$\dagger_i = \langle \cdot \frac{\hat{i} + i}{\dots i}, \quad (16)$$

$$\#_{1,j} = -2 \cdot f_{1,j} \cdot \hat{1},j;$$

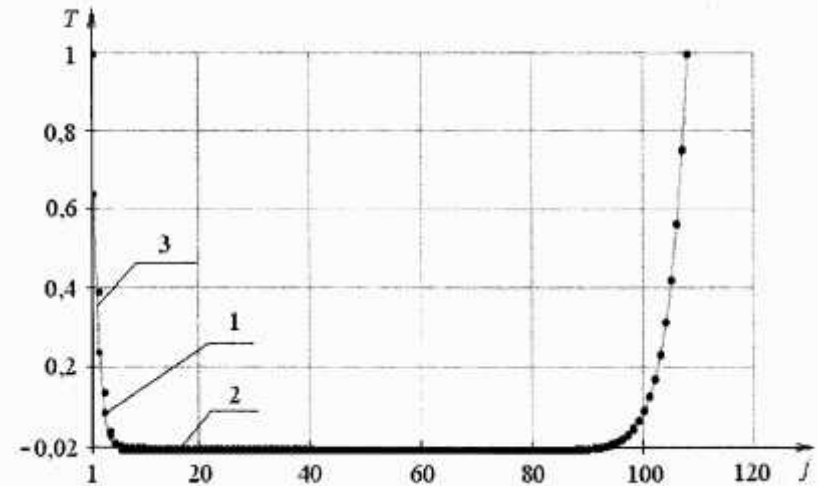
$i = 2 \dots j-1$

$$\#_i = f_{i,j} \cdot (\hat{i-1} - \hat{i}). \quad (17)$$

(9) - (17)

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1.

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