> # *Set the parameters and functions*
```
c := 'c':
d := 'd':
u := 'u':
```

$E3 := (9360000\,c - 40478400)\,u^7 + (123624000\,c^2 + 79477167 - 15600000\,d^3 - 312878520\,d)\,u^6$
$\quad + (12480000\,c^5 + 418993800\,c^3 + 476863002\,c - 91411200\,d^4 - 860506665\,d^2)\,u^5$
$\quad + (23217600\,c^6 + 621308436\,c^4 + 1192157505\,c^2 - 1040000\,d^7 - 199260960\,d^5$
$\quad - 1100550468\,d^3)\,u^4 + (14018680\,c^7 + 486042654\,c^5 + 1589543340\,c^3 - 155887303\,d^6$
$\quad - 663541512\,d^4)\,u^3 + (155487978\,c^6 + 1192157505\,c^4 - 43552080\,d^7 - 215944200\,d^5)\,u^2$
$\quad + (476863002\,c^5 - 13976040\,d^7 - 134854731\,d^6)\,u + 79477167\,c^6 - 70008120\,d^7 :$

print(*Output*);
find Sturm's sequence``

for *j* **from** 0 **by** 1 **to** 279 **do**

$c := \dfrac{401}{100} + \dfrac{j+1}{280} \cdot \left(\dfrac{402}{100} - \dfrac{401}{100} \right):$

$d := \dfrac{401}{100} + \dfrac{j}{280} \cdot \left(\dfrac{402}{100} - \dfrac{401}{100} \right):$

```
u := 'u':
S := sturmseq(E3, u);
```

$signnum := sturm\left(S, u, 4, \dfrac{534}{100} \right);$

```
with(ArrayTools) :
Slength := Size(S, 2);
X := Array(1 .. Slength);
Y := Array(1 .. Slength);
```

for i **from** 1 **to** Slength **do**
# *Find sgn* $\left[s_{'E_{3,i}}(4) \right]$

u := 4;
X[i] := signum(S[i]);
Find sgn $\left[s_{'E_{3,i}}(5.34) \right]$

$u := \dfrac{534}{100} :$

Y[i] := signum(S[i]);
end do;
# *show the final results*
$print([\,'a'[\,j\,],'a'[j+1], sgn(s['E'[3,j]](4)), sgn(s['E'[3,j]](5.34))\,] = [evalf\,(d, 5), evalf(c, 5), X, Y])$;
end do:

Output

$\left[a_0, a_1, sgn\left(s_{E_{3,0}}(4)\right), sgn\left(s_{E_{3,0}}(5.34)\right)\right] = [4.0100, 4.0100, [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,], [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,]]$

$\left[a_1, a_2, sgn\left(s_{E_{3,1}}(4)\right), sgn\left(s_{E_{3,1}}(5.34)\right)\right] = [4.0100, 4.0101, [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,], [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,]]$

$\left[a_2, a_3, sgn\left(s_{E_{3,2}}(4)\right), sgn\left(s_{E_{3,2}}(5.34)\right)\right] = [4.0101, 4.0101, [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,], [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,]]$

$\left[a_3, a_4, sgn\left(s_{E_{3,3}}(4)\right), sgn\left(s_{E_{3,3}}(5.34)\right)\right] = [4.0101, 4.0101, [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,], [\,-1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\,]]$

$$\left[a_4, a_5, sgn\left(s_{E_{3,4}}(4)\right), sgn\left(s_{E_{3,4}}(5.34)\right)\right] = \left[4.0101, 4.0102, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_5, a_6, sgn\left(s_{E_{3,5}}(4)\right), sgn\left(s_{E_{3,5}}(5.34)\right)\right] = \left[4.0102, 4.0102, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_6, a_7, sgn\left(s_{E_{3,6}}(4)\right), sgn\left(s_{E_{3,6}}(5.34)\right)\right] = \left[4.0102, 4.0102, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_7, a_8, sgn\left(s_{E_{3,7}}(4)\right), sgn\left(s_{E_{3,7}}(5.34)\right)\right] = \left[4.0102, 4.0103, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_8, a_9, sgn\left(s_{E_{3,8}}(4)\right), sgn\left(s_{E_{3,8}}(5.34)\right)\right] = \left[4.0103, 4.0103, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_9, a_{10}, sgn\left(s_{E_{3,9}}(4)\right), sgn\left(s_{E_{3,9}}(5.34)\right)\right] = \left[4.0103, 4.0104, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{10}, a_{11}, sgn\left(s_{E_{3,10}}(4)\right), sgn\left(s_{E_{3,10}}(5.34)\right)\right] = \left[4.0104, 4.0104, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{11}, a_{12}, sgn\left(s_{E_{3,11}}(4)\right), sgn\left(s_{E_{3,11}}(5.34)\right)\right] = \left[4.0104, 4.0104, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{12}, a_{13}, sgn\left(s_{E_{3,12}}(4)\right), sgn\left(s_{E_{3,12}}(5.34)\right)\right] = \left[4.0104, 4.0105, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{13}, a_{14}, sgn\left(s_{E_{3,13}}(4)\right), sgn\left(s_{E_{3,13}}(5.34)\right)\right] = \left[4.0105, 4.0105, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{14}, a_{15}, sgn\left(s_{E_{3,14}}(4)\right), sgn\left(s_{E_{3,14}}(5.34)\right)\right] = \left[4.0105, 4.0105, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{15}, a_{16}, sgn\left(s_{E_{3,15}}(4)\right), sgn\left(s_{E_{3,15}}(5.34)\right)\right] = \left[4.0105, 4.0106, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{16}, a_{17}, sgn\left(s_{E_{3,16}}(4)\right), sgn\left(s_{E_{3,16}}(5.34)\right)\right] = \left[4.0106, 4.0106, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{17}, a_{18}, sgn\left(s_{E_{3,17}}(4)\right), sgn\left(s_{E_{3,17}}(5.34)\right)\right] = \left[4.0106, 4.0106, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{18}, a_{19}, sgn\left(s_{E_{3,18}}(4)\right), sgn\left(s_{E_{3,18}}(5.34)\right)\right] = \left[4.0106, 4.0107, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{19}, a_{20}, sgn\left(s_{E_{3,19}}(4)\right), sgn\left(s_{E_{3,19}}(5.34)\right)\right] = \left[4.0107, 4.0107, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{20}, a_{21}, sgn\left(s_{E_{3,20}}(4)\right), sgn\left(s_{E_{3,20}}(5.34)\right)\right] = \left[4.0107, 4.0108, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{21}, a_{22}, sgn\left(s_{E_{3,21}}(4)\right), sgn\left(s_{E_{3,21}}(5.34)\right)\right] = \left[4.0108, 4.0108, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{22}, a_{23}, sgn\left(s_{E_{3,22}}(4)\right), sgn\left(s_{E_{3,22}}(5.34)\right)\right] = \left[4.0108, 4.0108, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{23}, a_{24}, sgn\left(s_{E_{3,23}}(4)\right), sgn\left(s_{E_{3,23}}(5.34)\right)\right] = \left[4.0108, 4.0109, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{24}, a_{25}, sgn\left(s_{E_{3,24}}(4)\right), sgn\left(s_{E_{3,24}}(5.34)\right)\right] = \left[4.0109, 4.0109, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{25}, a_{26}, sgn\left(s_{E_{3,25}}(4)\right), sgn\left(s_{E_{3,25}}(5.34)\right)\right] = \left[4.0109, 4.0109, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{26}, a_{27}, sgn\left(s_{E_{3,26}}(4)\right), sgn\left(s_{E_{3,26}}(5.34)\right)\right] = \left[4.0109, 4.0110, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{27}, a_{28}, sgn\left(s_{E_{3,27}}(4)\right), sgn\left(s_{E_{3,27}}(5.34)\right)\right] = \left[4.0110, 4.0110, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{28}, a_{29}, sgn\left(s_{E_{3,28}}(4)\right), sgn\left(s_{E_{3,28}}(5.34)\right)\right] = \left[4.0110, 4.0110, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{29}, a_{30}, sgn\left(s_{E_{3,29}}(4)\right), sgn\left(s_{E_{3,29}}(5.34)\right)\right] = \left[4.0110, 4.0111, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{30}, a_{31}, sgn\left(s_{E_{3,30}}(4)\right), sgn\left(s_{E_{3,30}}(5.34)\right)\right] = \left[4.0111, 4.0111, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{31}, a_{32}, sgn\left(s_{E_{3,31}}(4)\right), sgn\left(s_{E_{3,31}}(5.34)\right)\right] = \left[4.0111, 4.0111, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{32}, a_{33}, sgn\left(s_{E_{3,32}}(4)\right), sgn\left(s_{E_{3,32}}(5.34)\right)\right] = \left[4.0111, 4.0112, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{33}, a_{34}, sgn\left(s_{E_{3,33}}(4)\right), sgn\left(s_{E_{3,33}}(5.34)\right)\right] = \left[4.0112, 4.0112, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{34}, a_{35}, sgn\left(s_{E_{3,34}}(4)\right), sgn\left(s_{E_{3,34}}(5.34)\right)\right] = \left[4.0112, 4.0112, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{35}, a_{36}, sgn\left(s_{E_{3,35}}(4)\right), sgn\left(s_{E_{3,35}}(5.34)\right)\right] = \left[4.0112, 4.0113, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{36}, a_{37}, sgn\left(s_{E_{3,36}}(4)\right), sgn\left(s_{E_{3,36}}(5.34)\right)\right] = \left[4.0113, 4.0113, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{37}, a_{38}, sgn\left(s_{E_{3,37}}(4)\right), sgn\left(s_{E_{3,37}}(5.34)\right)\right] = \left[4.0113, 4.0114, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{38}, a_{39}, sgn\left(s_{E_{3,38}}(4)\right), sgn\left(s_{E_{3,38}}(5.34)\right)\right] = \left[4.0114, 4.0114, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{39}, a_{40}, sgn\left(s_{E_{3,39}}(4)\right), sgn\left(s_{E_{3,39}}(5.34)\right)\right] = \left[4.0114, 4.0114, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{40}, a_{41}, sgn\left(s_{E_{3,40}}(4)\right), sgn\left(s_{E_{3,40}}(5.34)\right)\right] = \left[4.0114, 4.0115, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{41}, a_{42}, sgn\left(s_{E_{3,41}}(4)\right), sgn\left(s_{E_{3,41}}(5.34)\right)\right] = \left[4.0115, 4.0115, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{42}, a_{43}, sgn\left(s_{E_{3,42}}(4)\right), sgn\left(s_{E_{3,42}}(5.34)\right)\right] = \left[4.0115, 4.0115, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{43}, a_{44}, sgn\left(s_{E_{3,43}}(4)\right), sgn\left(s_{E_{3,43}}(5.34)\right)\right] = \left[4.0115, 4.0116, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{44}, a_{45}, sgn\left(s_{E_{3,44}}(4)\right), sgn\left(s_{E_{3,44}}(5.34)\right)\right] = \left[4.0116, 4.0116, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{45}, a_{46}, sgn\left(s_{E_{3,45}}(4)\right), sgn\left(s_{E_{3,45}}(5.34)\right)\right] = \left[4.0116, 4.0116, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{46}, a_{47}, sgn\left(s_{E_{3,46}}(4)\right), sgn\left(s_{E_{3,46}}(5.34)\right)\right] = \left[4.0116, 4.0117, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{47}, a_{48}, sgn\left(s_{E_{3,47}}(4)\right), sgn\left(s_{E_{3,47}}(5.34)\right)\right] = \left[4.0117, 4.0117, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{48}, a_{49}, sgn\left(s_{E_{3,48}}(4)\right), sgn\left(s_{E_{3,48}}(5.34)\right)\right] = \left[4.0117, 4.0118, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{49}, a_{50}, sgn\left(s_{E_{3,49}}(4)\right), sgn\left(s_{E_{3,49}}(5.34)\right)\right] = \left[4.0118, 4.0118, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{50}, a_{51}, sgn\left(s_{E_{3,50}}(4)\right), sgn\left(s_{E_{3,50}}(5.34)\right)\right] = \left[4.0118, 4.0118, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{51}, a_{52}, sgn\left(s_{E_{3,51}}(4)\right), sgn\left(s_{E_{3,51}}(5.34)\right)\right] = \left[4.0118, 4.0119, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{52}, a_{53}, sgn\left(s_{E_{3,52}}(4)\right), sgn\left(s_{E_{3,52}}(5.34)\right)\right] = \left[4.0119, 4.0119, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{53}, a_{54}, sgn\left(s_{E_{3,53}}(4)\right), sgn\left(s_{E_{3,53}}(5.34)\right)\right] = \left[4.0119, 4.0119, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{54}, a_{55}, sgn\left(s_{E_{3,54}}(4)\right), sgn\left(s_{E_{3,54}}(5.34)\right)\right] = \left[4.0119, 4.0120, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{55}, a_{56}, sgn\left(s_{E_{3,55}}(4)\right), sgn\left(s_{E_{3,55}}(5.34)\right)\right] = \left[4.0120, 4.0120, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{56}, a_{57}, sgn\left(s_{E_{3,56}}(4)\right), sgn\left(s_{E_{3,56}}(5.34)\right)\right] = \left[4.0120, 4.0120, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{57}, a_{58}, sgn\left(s_{E_{3,57}}(4)\right), sgn\left(s_{E_{3,57}}(5.34)\right)\right] = \left[4.0120, 4.0121, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{58}, a_{59}, sgn\left(s_{E_{3,58}}(4)\right), sgn\left(s_{E_{3,58}}(5.34)\right)\right] = \left[4.0121, 4.0121, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{59}, a_{60}, sgn\left(s_{E_{3,59}}(4)\right), sgn\left(s_{E_{3,59}}(5.34)\right)\right] = \left[4.0121, 4.0121, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{60}, a_{61}, sgn\left(s_{E_{3,60}}(4)\right), sgn\left(s_{E_{3,60}}(5.34)\right)\right] = \left[4.0121, 4.0122, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{61}, a_{62}, sgn\left(s_{E_{3,61}}(4)\right), sgn\left(s_{E_{3,61}}(5.34)\right)\right] = \left[4.0122, 4.0122, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{62}, a_{63}, sgn\left(s_{E_{3,62}}(4)\right), sgn\left(s_{E_{3,62}}(5.34)\right)\right] = \left[4.0122, 4.0122, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{63}, a_{64}, sgn\left(s_{E_{3,63}}(4)\right), sgn\left(s_{E_{3,63}}(5.34)\right)\right] = \left[4.0122, 4.0123, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{64}, a_{65}, sgn\left(s_{E_{3,64}}(4)\right), sgn\left(s_{E_{3,64}}(5.34)\right)\right] = \left[4.0123, 4.0123, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{65}, a_{66}, sgn\left(s_{E_{3,65}}(4)\right), sgn\left(s_{E_{3,65}}(5.34)\right)\right] = \left[4.0123, 4.0124, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{66}, a_{67}, sgn\left(s_{E_{3,66}}(4)\right), sgn\left(s_{E_{3,66}}(5.34)\right)\right] = \left[4.0124, 4.0124, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{67}, a_{68}, sgn\left(s_{E_{3,67}}(4)\right), sgn\left(s_{E_{3,67}}(5.34)\right)\right] = \left[4.0124, 4.0124, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{68}, a_{69}, sgn\left(s_{E_{3,68}}(4)\right), sgn\left(s_{E_{3,68}}(5.34)\right)\right] = \left[4.0124, 4.0125, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{69}, a_{70}, sgn\left(s_{E_{3,69}}(4)\right), sgn\left(s_{E_{3,69}}(5.34)\right)\right] = \left[4.0125, 4.0125, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{70}, a_{71}, sgn\left(s_{E_{3,70}}(4)\right), sgn\left(s_{E_{3,70}}(5.34)\right)\right] = \left[4.0125, 4.0125, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{71}, a_{72}, sgn\left(s_{E_{3,71}}(4)\right), sgn\left(s_{E_{3,71}}(5.34)\right)\right] = \left[4.0125, 4.0126, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{72}, a_{73}, sgn\left(s_{E_{3,72}}(4)\right), sgn\left(s_{E_{3,72}}(5.34)\right)\right] = \left[4.0126, 4.0126, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{73}, a_{74}, sgn\left(s_{E_{3,73}}(4)\right), sgn\left(s_{E_{3,73}}(5.34)\right)\right] = \left[4.0126, 4.0126, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{74}, a_{75}, sgn\left(s_{E_{3,74}}(4)\right), sgn\left(s_{E_{3,74}}(5.34)\right)\right] = \left[4.0126, 4.0127, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{75}, a_{76}, sgn\left(s_{E_{3,75}}(4)\right), sgn\left(s_{E_{3,75}}(5.34)\right)\right] = \left[4.0127, 4.0127, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{76}, a_{77}, sgn\left(s_{E_{3,76}}(4)\right), sgn\left(s_{E_{3,76}}(5.34)\right)\right] = \left[4.0127, 4.0128, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{77}, a_{78}, sgn\left(s_{E_{3,77}}(4)\right), sgn\left(s_{E_{3,77}}(5.34)\right)\right] = \left[4.0128, 4.0128, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{78}, a_{79}, sgn\left(s_{E_{3,78}}(4)\right), sgn\left(s_{E_{3,78}}(5.34)\right)\right] = \left[4.0128, 4.0128, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{79}, a_{80}, sgn\left(s_{E_{3,79}}(4)\right), sgn\left(s_{E_{3,79}}(5.34)\right)\right] = \left[4.0128, 4.0129, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{80}, a_{81}, sgn\left(s_{E_{3,80}}(4)\right), sgn\left(s_{E_{3,80}}(5.34)\right)\right] = \left[4.0129, 4.0129, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{81}, a_{82}, sgn\left(s_{E_{3,81}}(4)\right), sgn\left(s_{E_{3,81}}(5.34)\right)\right] = \left[4.0129, 4.0129, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{82}, a_{83}, sgn\left(s_{E_{3,82}}(4)\right), sgn\left(s_{E_{3,82}}(5.34)\right)\right] = \left[4.0129, 4.0130, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{83}, a_{84}, sgn\left(s_{E_{3,83}}(4)\right), sgn\left(s_{E_{3,83}}(5.34)\right)\right] = \left[4.0130, 4.0130, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{84}, a_{85}, sgn\left(s_{E_{3,84}}(4)\right), sgn\left(s_{E_{3,84}}(5.34)\right)\right] = \left[4.0130, 4.0130, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{85}, a_{86}, sgn\left(s_{E_{3,85}}(4)\right), sgn\left(s_{E_{3,85}}(5.34)\right)\right] = \left[4.0130, 4.0131, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{86}, a_{87}, sgn\left(s_{E_{3,86}}(4)\right), sgn\left(s_{E_{3,86}}(5.34)\right)\right] = \left[4.0131, 4.0131, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{87}, a_{88}, sgn\left(s_{E_{3,87}}(4)\right), sgn\left(s_{E_{3,87}}(5.34)\right)\right] = \left[4.0131, 4.0131, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{88}, a_{89}, sgn\left(s_{E_{3,88}}(4)\right), sgn\left(s_{E_{3,88}}(5.34)\right)\right] = \left[4.0131, 4.0132, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{89}, a_{90}, sgn\left(s_{E_{3,89}}(4)\right), sgn\left(s_{E_{3,89}}(5.34)\right)\right] = \left[4.0132, 4.0132, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{90}, a_{91}, sgn\left(s_{E_{3,90}}(4)\right), sgn\left(s_{E_{3,90}}(5.34)\right)\right] = \left[4.0132, 4.0132, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{91}, a_{92}, sgn\left(s_{E_{3,91}}(4)\right), sgn\left(s_{E_{3,91}}(5.34)\right)\right] = \left[4.0132, 4.0133, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{92}, a_{93}, sgn\left(s_{E_{3,92}}(4)\right), sgn\left(s_{E_{3,92}}(5.34)\right)\right] = \left[4.0133, 4.0133, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{93}, a_{94}, sgn\left(s_{E_{3,93}}(4)\right), sgn\left(s_{E_{3,93}}(5.34)\right)\right] = \left[4.0133, 4.0134, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{94}, a_{95}, sgn\left(s_{E_{3,94}}(4)\right), sgn\left(s_{E_{3,94}}(5.34)\right)\right] = \left[4.0134, 4.0134, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{95}, a_{96}, sgn\left(s_{E_{3,95}}(4)\right), sgn\left(s_{E_{3,95}}(5.34)\right)\right] = \left[4.0134, 4.0134, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{96}, a_{97}, sgn\left(s_{E_{3,96}}(4)\right), sgn\left(s_{E_{3,96}}(5.34)\right)\right] = \left[4.0134, 4.0135, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{97}, a_{98}, sgn\left(s_{E_{3,97}}(4)\right), sgn\left(s_{E_{3,97}}(5.34)\right)\right] = \left[4.0135, 4.0135, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{98}, a_{99}, sgn\left(s_{E_{3,98}}(4)\right), sgn\left(s_{E_{3,98}}(5.34)\right)\right] = \left[4.0135, 4.0135, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{99}, a_{100}, sgn\left(s_{E_{3,99}}(4)\right), sgn\left(s_{E_{3,99}}(5.34)\right)\right] = \left[4.0135, 4.0136, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{100}, a_{101}, sgn\left(s_{E_{3,100}}(4)\right), sgn\left(s_{E_{3,100}}(5.34)\right)\right] = \left[4.0136, 4.0136, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{101}, a_{102}, sgn\left(s_{E_{3,101}}(4)\right), sgn\left(s_{E_{3,101}}(5.34)\right)\right] = \left[4.0136, 4.0136, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{102}, a_{103}, sgn\left(s_{E_{3,102}}(4)\right), sgn\left(s_{E_{3,102}}(5.34)\right)\right] = \left[4.0136, 4.0137, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{103}, a_{104}, sgn\left(s_{E_{3,103}}(4)\right), sgn\left(s_{E_{3,103}}(5.34)\right)\right] = \left[4.0137, 4.0137, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{104}, a_{105}, sgn\left(s_{E_{3,104}}(4)\right), sgn\left(s_{E_{3,104}}(5.34)\right)\right] = \left[4.0137, 4.0138, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{105}, a_{106}, sgn\left(s_{E_{3,105}}(4)\right), sgn\left(s_{E_{3,105}}(5.34)\right)\right] = \left[4.0138, 4.0138, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{106}, a_{107}, sgn\left(s_{E_{3,106}}(4)\right), sgn\left(s_{E_{3,106}}(5.34)\right)\right] = \left[4.0138, 4.0138, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{107}, a_{108}, sgn\left(s_{E_{3,107}}(4)\right), sgn\left(s_{E_{3,107}}(5.34)\right)\right] = \left[4.0138, 4.0139, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{108}, a_{109}, sgn\left(s_{E_{3,108}}(4)\right), sgn\left(s_{E_{3,108}}(5.34)\right)\right] = \left[4.0139, 4.0139, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{109}, a_{110}, sgn\left(s_{E_{3,109}}(4)\right), sgn\left(s_{E_{3,109}}(5.34)\right)\right] = \left[4.0139, 4.0139, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{110}, a_{111}, sgn\left(s_{E_{3,110}}(4)\right), sgn\left(s_{E_{3,110}}(5.34)\right)\right] = \left[4.0139, 4.0140, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{111}, a_{112}, sgn\left(s_{E_{3,111}}(4)\right), sgn\left(s_{E_{3,111}}(5.34)\right)\right] = \left[4.0140, 4.0140, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{112}, a_{113}, sgn\left(s_{E_{3,112}}(4)\right), sgn\left(s_{E_{3,112}}(5.34)\right)\right] = \left[4.0140, 4.0140, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{113}, a_{114}, sgn\left(s_{E_{3,113}}(4)\right), sgn\left(s_{E_{3,113}}(5.34)\right)\right] = \left[4.0140, 4.0141, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{114}, a_{115}, sgn\left(s_{E_{3,114}}(4)\right), sgn\left(s_{E_{3,114}}(5.34)\right)\right] = \left[4.0141, 4.0141, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{115}, a_{116}, sgn\left(s_{E_{3,115}}(4)\right), sgn\left(s_{E_{3,115}}(5.34)\right)\right] = \left[4.0141, 4.0141, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{116}, a_{117}, sgn\left(s_{E_{3,116}}(4)\right), sgn\left(s_{E_{3,116}}(5.34)\right)\right] = \left[4.0141, 4.0142, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{117}, a_{118}, sgn\left(s_{E_{3,117}}(4)\right), sgn\left(s_{E_{3,117}}(5.34)\right)\right] = \left[4.0142, 4.0142, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{118}, a_{119}, sgn\left(s_{E_{3,118}}(4)\right), sgn\left(s_{E_{3,118}}(5.34)\right)\right] = \left[4.0142, 4.0142, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{119}, a_{120}, sgn\left(s_{E_{3,119}}(4)\right), sgn\left(s_{E_{3,119}}(5.34)\right)\right] = \left[4.0142, 4.0143, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{120}, a_{121}, sgn\left(s_{E_{3,120}}(4)\right), sgn\left(s_{E_{3,120}}(5.34)\right)\right] = \left[4.0143, 4.0143, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{121}, a_{122}, sgn\left(s_{E_{3,121}}(4)\right), sgn\left(s_{E_{3,121}}(5.34)\right)\right] = \left[4.0143, 4.0144, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{122}, a_{123}, sgn\left(s_{E_{3,122}}(4)\right), sgn\left(s_{E_{3,122}}(5.34)\right)\right] = \left[4.0144, 4.0144, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{123}, a_{124}, sgn\left(s_{E_{3,123}}(4)\right), sgn\left(s_{E_{3,123}}(5.34)\right)\right] = \left[4.0144, 4.0144, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{124}, a_{125}, sgn\left(s_{E_{3,124}}(4)\right), sgn\left(s_{E_{3,124}}(5.34)\right)\right] = \left[4.0144, 4.0145, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{125}, a_{126}, sgn\left(s_{E_{3,125}}(4)\right), sgn\left(s_{E_{3,125}}(5.34)\right)\right] = \left[4.0145, 4.0145, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{126}, a_{127}, sgn\left(s_{E_{3,126}}(4)\right), sgn\left(s_{E_{3,126}}(5.34)\right)\right] = \left[4.0145, 4.0145, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{127}, a_{128}, sgn\left(s_{E_{3,127}}(4)\right), sgn\left(s_{E_{3,127}}(5.34)\right)\right] = \left[4.0145, 4.0146, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{128}, a_{129}, sgn\left(s_{E_{3,128}}(4)\right), sgn\left(s_{E_{3,128}}(5.34)\right)\right] = \left[4.0146, 4.0146, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{129}, a_{130}, sgn\left(s_{E_{3,129}}(4)\right), sgn\left(s_{E_{3,129}}(5.34)\right)\right] = \left[4.0146, 4.0146, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{130}, a_{131}, sgn\left(s_{E_{3,130}}(4)\right), sgn\left(s_{E_{3,130}}(5.34)\right)\right] = \left[4.0146, 4.0147, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{131}, a_{132}, sgn\left(s_{E_{3,131}}(4)\right), sgn\left(s_{E_{3,131}}(5.34)\right)\right] = \left[4.0147, 4.0147, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{132}, a_{133}, sgn\left(s_{E_{3,132}}(4)\right), sgn\left(s_{E_{3,132}}(5.34)\right)\right] = \left[4.0147, 4.0148, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{133}, a_{134}, sgn\left(s_{E_{3,133}}(4)\right), sgn\left(s_{E_{3,133}}(5.34)\right)\right] = \left[4.0148, 4.0148, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{134}, a_{135}, sgn\left(s_{E_{3,134}}(4)\right), sgn\left(s_{E_{3,134}}(5.34)\right)\right] = \left[4.0148, 4.0148, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{135}, a_{136}, sgn\left(s_{E_{3,135}}(4)\right), sgn\left(s_{E_{3,135}}(5.34)\right)\right] = \left[4.0148, 4.0149, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{136}, a_{137}, sgn\left(s_{E_{3,136}}(4)\right), sgn\left(s_{E_{3,136}}(5.34)\right)\right] = \left[4.0149, 4.0149, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{137}, a_{138}, sgn\left(s_{E_{3,137}}(4)\right), sgn\left(s_{E_{3,137}}(5.34)\right)\right] = \left[4.0149, 4.0149, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{138}, a_{139}, sgn\left(s_{E_{3,138}}(4)\right), sgn\left(s_{E_{3,138}}(5.34)\right)\right] = \left[4.0149, 4.0150, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{139}, a_{140}, sgn\left(s_{E_{3,139}}(4)\right), sgn\left(s_{E_{3,139}}(5.34)\right)\right] = \left[4.0150, 4.0150, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{140}, a_{141}, sgn\left(s_{E_{3,140}}(4)\right), sgn\left(s_{E_{3,140}}(5.34)\right)\right] = \left[4.0150, 4.0150, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{141}, a_{142}, sgn\left(s_{E_{3,141}}(4)\right), sgn\left(s_{E_{3,141}}(5.34)\right)\right] = \left[4.0150, 4.0151, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{142}, a_{143}, sgn\left(s_{E_{3,142}}(4)\right), sgn\left(s_{E_{3,142}}(5.34)\right)\right] = \left[4.0151, 4.0151, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{143}, a_{144}, sgn\left(s_{E_{3,143}}(4)\right), sgn\left(s_{E_{3,143}}(5.34)\right)\right] = \left[4.0151, 4.0151, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{144}, a_{145}, sgn\left(s_{E_{3,144}}(4)\right), sgn\left(s_{E_{3,144}}(5.34)\right)\right] = \left[4.0151, 4.0152, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{145}, a_{146}, sgn\left(s_{E_{3,145}}(4)\right), sgn\left(s_{E_{3,145}}(5.34)\right)\right] = \left[4.0152, 4.0152, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{146}, a_{147}, sgn\left(s_{E_{3,146}}(4)\right), sgn\left(s_{E_{3,146}}(5.34)\right)\right] = \left[4.0152, 4.0152, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{147}, a_{148}, sgn\left(s_{E_{3,147}}(4)\right), sgn\left(s_{E_{3,147}}(5.34)\right)\right] = \left[4.0152, 4.0153, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{148}, a_{149}, sgn\left(s_{E_{3,148}}(4)\right), sgn\left(s_{E_{3,148}}(5.34)\right)\right] = \left[4.0153, 4.0153, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{149}, a_{150}, sgn\left(s_{E_{3,149}}(4)\right), sgn\left(s_{E_{3,149}}(5.34)\right)\right] = \left[4.0153, 4.0154, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{150}, a_{151}, sgn\left(s_{E_{3,150}}(4)\right), sgn\left(s_{E_{3,150}}(5.34)\right)\right] = \left[4.0154, 4.0154, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{151}, a_{152}, sgn\left(s_{E_{3,151}}(4)\right), sgn\left(s_{E_{3,151}}(5.34)\right)\right] = \left[4.0154, 4.0154, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{152}, a_{153}, sgn\left(s_{E_{3,152}}(4)\right), sgn\left(s_{E_{3,152}}(5.34)\right)\right] = \left[4.0154, 4.0155, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{153}, a_{154}, sgn\left(s_{E_{3,153}}(4)\right), sgn\left(s_{E_{3,153}}(5.34)\right)\right] = \left[4.0155, 4.0155, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{154}, a_{155}, sgn\left(s_{E_{3,154}}(4)\right), sgn\left(s_{E_{3,154}}(5.34)\right)\right] = \left[4.0155, 4.0155, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{155}, a_{156}, sgn\left(s_{E_{3,155}}(4)\right), sgn\left(s_{E_{3,155}}(5.34)\right)\right] = \left[4.0155, 4.0156, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{156}, a_{157}, sgn\left(s_{E_{3,156}}(4)\right), sgn\left(s_{E_{3,156}}(5.34)\right)\right] = \left[4.0156, 4.0156, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{157}, a_{158}, sgn\left(s_{E_{3,157}}(4)\right), sgn\left(s_{E_{3,157}}(5.34)\right)\right] = \left[4.0156, 4.0156, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{158}, a_{159}, sgn\left(s_{E_{3,158}}(4)\right), sgn\left(s_{E_{3,158}}(5.34)\right)\right] = \left[4.0156, 4.0157, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{159}, a_{160}, sgn\left(s_{E_{3,159}}(4)\right), sgn\left(s_{E_{3,159}}(5.34)\right)\right] = \left[4.0157, 4.0157, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{160}, a_{161}, sgn\left(s_{E_{3,160}}(4)\right), sgn\left(s_{E_{3,160}}(5.34)\right)\right] = \left[4.0157, 4.0158, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{161}, a_{162}, sgn\left(s_{E_{3,161}}(4)\right), sgn\left(s_{E_{3,161}}(5.34)\right)\right] = \left[4.0158, 4.0158, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{162}, a_{163}, sgn\left(s_{E_{3,162}}(4)\right), sgn\left(s_{E_{3,162}}(5.34)\right)\right] = \left[4.0158, 4.0158, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{163}, a_{164}, sgn\left(s_{E_{3,163}}(4)\right), sgn\left(s_{E_{3,163}}(5.34)\right)\right] = \left[4.0158, 4.0159, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{164}, a_{165}, sgn\left(s_{E_{3,164}}(4)\right), sgn\left(s_{E_{3,164}}(5.34)\right)\right] = \left[4.0159, 4.0159, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{165}, a_{166}, sgn\left(s_{E_{3,165}}(4)\right), sgn\left(s_{E_{3,165}}(5.34)\right)\right] = \left[4.0159, 4.0159, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{166}, a_{167}, sgn\left(s_{E_{3,166}}(4)\right), sgn\left(s_{E_{3,166}}(5.34)\right)\right] = \left[4.0159, 4.0160, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{167}, a_{168}, sgn\left(s_{E_{3,167}}(4)\right), sgn\left(s_{E_{3,167}}(5.34)\right)\right] = \left[4.0160, 4.0160, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{168}, a_{169}, sgn\left(s_{E_{3,168}}(4)\right), sgn\left(s_{E_{3,168}}(5.34)\right)\right] = \left[4.0160, 4.0160, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{169}, a_{170}, sgn\left(s_{E_{3,169}}(4)\right), sgn\left(s_{E_{3,169}}(5.34)\right)\right] = \left[4.0160, 4.0161, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{170}, a_{171}, sgn\left(s_{E_{3,170}}(4)\right), sgn\left(s_{E_{3,170}}(5.34)\right)\right] = \left[4.0161, 4.0161, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{171}, a_{172}, sgn\left(s_{E_{3,171}}(4)\right), sgn\left(s_{E_{3,171}}(5.34)\right)\right] = \left[4.0161, 4.0161, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{172}, a_{173}, sgn\left(s_{E_{3,172}}(4)\right), sgn\left(s_{E_{3,172}}(5.34)\right)\right] = \left[4.0161, 4.0162, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{173}, a_{174}, sgn\left(s_{E_{3,173}}(4)\right), sgn\left(s_{E_{3,173}}(5.34)\right)\right] = \left[4.0162, 4.0162, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{174}, a_{175}, sgn\left(s_{E_{3,174}}(4)\right), sgn\left(s_{E_{3,174}}(5.34)\right)\right] = \left[4.0162, 4.0162, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{175}, a_{176}, sgn\left(s_{E_{3,175}}(4)\right), sgn\left(s_{E_{3,175}}(5.34)\right)\right] = \left[4.0162, 4.0163, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{176}, a_{177}, sgn\left(s_{E_{3,176}}(4)\right), sgn\left(s_{E_{3,176}}(5.34)\right)\right] = \left[4.0163, 4.0163, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{177}, a_{178}, sgn\left(s_{E_{3,177}}(4)\right), sgn\left(s_{E_{3,177}}(5.34)\right)\right] = \left[4.0163, 4.0164, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{178}, a_{179}, sgn\left(s_{E_{3,178}}(4)\right), sgn\left(s_{E_{3,178}}(5.34)\right)\right] = \left[4.0164, 4.0164, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{179}, a_{180}, sgn\left(s_{E_{3,179}}(4)\right), sgn\left(s_{E_{3,179}}(5.34)\right)\right] = \left[4.0164, 4.0164, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{180}, a_{181}, sgn\left(s_{E_{3,180}}(4)\right), sgn\left(s_{E_{3,180}}(5.34)\right)\right] = \left[4.0164, 4.0165, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{181}, a_{182}, sgn\left(s_{E_{3,181}}(4)\right), sgn\left(s_{E_{3,181}}(5.34)\right)\right] = \left[4.0165, 4.0165, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{182}, a_{183}, sgn\left(s_{E_{3,182}}(4)\right), sgn\left(s_{E_{3,182}}(5.34)\right)\right] = \left[4.0165, 4.0165, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{183}, a_{184}, sgn\left(s_{E_{3,183}}(4)\right), sgn\left(s_{E_{3,183}}(5.34)\right)\right] = \left[4.0165, 4.0166, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{184}, a_{185}, sgn\left(s_{E_{3,184}}(4)\right), sgn\left(s_{E_{3,184}}(5.34)\right)\right] = \left[4.0166, 4.0166, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{185}, a_{186}, sgn\left(s_{E_{3,185}}(4)\right), sgn\left(s_{E_{3,185}}(5.34)\right)\right] = \left[4.0166, 4.0166, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{186}, a_{187}, sgn\left(s_{E_{3,186}}(4)\right), sgn\left(s_{E_{3,186}}(5.34)\right)\right] = \left[4.0166, 4.0167, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{187}, a_{188}, sgn\left(s_{E_{3,187}}(4)\right), sgn\left(s_{E_{3,187}}(5.34)\right)\right] = \left[4.0167, 4.0167, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{188}, a_{189}, sgn\left(s_{E_{3,188}}(4)\right), sgn\left(s_{E_{3,188}}(5.34)\right)\right] = \left[4.0167, 4.0168, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{189}, a_{190}, sgn\left(s_{E_{3,189}}(4)\right), sgn\left(s_{E_{3,189}}(5.34)\right)\right] = \left[4.0168, 4.0168, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{190}, a_{191}, sgn\left(s_{E_{3,190}}(4)\right), sgn\left(s_{E_{3,190}}(5.34)\right)\right] = \left[4.0168, 4.0168, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{191}, a_{192}, sgn\left(s_{E_{3,191}}(4)\right), sgn\left(s_{E_{3,191}}(5.34)\right)\right] = \left[4.0168, 4.0169, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{192}, a_{193}, sgn\left(s_{E_{3,192}}(4)\right), sgn\left(s_{E_{3,192}}(5.34)\right)\right] = \left[4.0169, 4.0169, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{193}, a_{194}, sgn\left(s_{E_{3,193}}(4)\right), sgn\left(s_{E_{3,193}}(5.34)\right)\right] = \left[4.0169, 4.0169, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{194}, a_{195}, sgn\left(s_{E_{3,194}}(4)\right), sgn\left(s_{E_{3,194}}(5.34)\right)\right] = \left[4.0169, 4.0170, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{195}, a_{196}, sgn\left(s_{E_{3,195}}(4)\right), sgn\left(s_{E_{3,195}}(5.34)\right)\right] = \left[4.0170, 4.0170, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{ccccccccc} -1 & 1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{196}, a_{197}, sgn\left(s_{E_{3,196}}(4)\right), sgn\left(s_{E_{3,196}}(5.34)\right)\right] = \left[4.0170, 4.0170, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{197}, a_{198}, sgn\left(s_{E_{3,197}}(4)\right), sgn\left(s_{E_{3,197}}(5.34)\right)\right] = \left[4.0170, 4.0171, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{198}, a_{199}, sgn\left(s_{E_{3,198}}(4)\right), sgn\left(s_{E_{3,198}}(5.34)\right)\right] = \left[4.0171, 4.0171, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{199}, a_{200}, sgn\left(s_{E_{3,199}}(4)\right), sgn\left(s_{E_{3,199}}(5.34)\right)\right] = \left[4.0171, 4.0171, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{200}, a_{201}, sgn\left(s_{E_{3,200}}(4)\right), sgn\left(s_{E_{3,200}}(5.34)\right)\right] = \left[4.0171, 4.0172, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{201}, a_{202}, sgn\left(s_{E_{3,201}}(4)\right), sgn\left(s_{E_{3,201}}(5.34)\right)\right] = \left[4.0172, 4.0172, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{202}, a_{203}, sgn\left(s_{E_{3,202}}(4)\right), sgn\left(s_{E_{3,202}}(5.34)\right)\right] = \left[4.0172, 4.0172, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{203}, a_{204}, sgn\left(s_{E_{3,203}}(4)\right), sgn\left(s_{E_{3,203}}(5.34)\right)\right] = \left[4.0172, 4.0173, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{204}, a_{205}, sgn\left(s_{E_{3,204}}(4)\right), sgn\left(s_{E_{3,204}}(5.34)\right)\right] = \left[4.0173, 4.0173, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{205}, a_{206}, sgn\left(s_{E_{3,205}}(4)\right), sgn\left(s_{E_{3,205}}(5.34)\right)\right] = \left[4.0173, 4.0174, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{206}, a_{207}, sgn\left(s_{E_{3,206}}(4)\right), sgn\left(s_{E_{3,206}}(5.34)\right)\right] = \left[4.0174, 4.0174, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{207}, a_{208}, sgn\left(s_{E_{3,207}}(4)\right), sgn\left(s_{E_{3,207}}(5.34)\right)\right] = \left[4.0174, 4.0174, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{208}, a_{209}, sgn\left(s_{E_{3,208}}(4)\right), sgn\left(s_{E_{3,208}}(5.34)\right)\right] = \left[4.0174, 4.0175, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{209}, a_{210}, sgn\left(s_{E_{3,209}}(4)\right), sgn\left(s_{E_{3,209}}(5.34)\right)\right] = \left[4.0175, 4.0175, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{210}, a_{211}, sgn\left(s_{E_{3,210}}(4)\right), sgn\left(s_{E_{3,210}}(5.34)\right)\right] = \left[4.0175, 4.0175, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{211}, a_{212}, sgn\left(s_{E_{3,211}}(4)\right), sgn\left(s_{E_{3,211}}(5.34)\right)\right] = \left[4.0175, 4.0176, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{212}, a_{213}, sgn\left(s_{E_{3,212}}(4)\right), sgn\left(s_{E_{3,212}}(5.34)\right)\right] = \left[4.0176, 4.0176, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{213}, a_{214}, sgn\left(s_{E_{3,213}}(4)\right), sgn\left(s_{E_{3,213}}(5.34)\right)\right] = \left[4.0176, 4.0176, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{214}, a_{215}, sgn\left(s_{E_{3,214}}(4)\right), sgn\left(s_{E_{3,214}}(5.34)\right)\right] = \left[4.0176, 4.0177, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{215}, a_{216}, sgn\left(s_{E_{3,215}}(4)\right), sgn\left(s_{E_{3,215}}(5.34)\right)\right] = \left[4.0177, 4.0177, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{216}, a_{217}, sgn\left(s_{E_{3,216}}(4)\right), sgn\left(s_{E_{3,216}}(5.34)\right)\right] = \left[4.0177, 4.0178, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{217}, a_{218}, sgn\left(s_{E_{3,217}}(4)\right), sgn\left(s_{E_{3,217}}(5.34)\right)\right] = \left[4.0178, 4.0178, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{218}, a_{219}, sgn\left(s_{E_{3,218}}(4)\right), sgn\left(s_{E_{3,218}}(5.34)\right)\right] = \left[4.0178, 4.0178, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{219}, a_{220}, sgn\left(s_{E_{3,219}}(4)\right), sgn\left(s_{E_{3,219}}(5.34)\right)\right] = \left[4.0178, 4.0179, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{220}, a_{221}, sgn\left(s_{E_{3,220}}(4)\right), sgn\left(s_{E_{3,220}}(5.34)\right)\right] = \left[4.0179, 4.0179, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{221}, a_{222}, sgn\left(s_{E_{3,221}}(4)\right), sgn\left(s_{E_{3,221}}(5.34)\right)\right] = \left[4.0179, 4.0179, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{222}, a_{223}, sgn\left(s_{E_{3,222}}(4)\right), sgn\left(s_{E_{3,222}}(5.34)\right)\right] = \left[4.0179, 4.0180, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{223}, a_{224}, sgn\left(s_{E_{3,223}}(4)\right), sgn\left(s_{E_{3,223}}(5.34)\right)\right] = \left[4.0180, 4.0180, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{224}, a_{225}, sgn\left(s_{E_{3,224}}(4)\right), sgn\left(s_{E_{3,224}}(5.34)\right)\right] = \left[4.0180, 4.0180, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{225}, a_{226}, sgn\left(s_{E_{3,225}}(4)\right), sgn\left(s_{E_{3,225}}(5.34)\right)\right] = \left[4.0180, 4.0181, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{226}, a_{227}, sgn\left(s_{E_{3,226}}(4)\right), sgn\left(s_{E_{3,226}}(5.34)\right)\right] = \left[4.0181, 4.0181, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{227}, a_{228}, sgn\left(s_{E_{3,227}}(4)\right), sgn\left(s_{E_{3,227}}(5.34)\right)\right] = \left[4.0181, 4.0181, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{bmatrix}\right]$$

$$\left[a_{228}, a_{229}, sgn\left(s_{E_{3,228}}(4)\right), sgn\left(s_{E_{3,228}}(5.34)\right) \right] = \left[4.0181, 4.0182, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{229}, a_{230}, sgn\left(s_{E_{3,229}}(4)\right), sgn\left(s_{E_{3,229}}(5.34)\right) \right] = \left[4.0182, 4.0182, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{230}, a_{231}, sgn\left(s_{E_{3,230}}(4)\right), sgn\left(s_{E_{3,230}}(5.34)\right) \right] = \left[4.0182, 4.0182, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{231}, a_{232}, sgn\left(s_{E_{3,231}}(4)\right), sgn\left(s_{E_{3,231}}(5.34)\right) \right] = \left[4.0182, 4.0183, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{232}, a_{233}, sgn\left(s_{E_{3,232}}(4)\right), sgn\left(s_{E_{3,232}}(5.34)\right) \right] = \left[4.0183, 4.0183, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{233}, a_{234}, sgn\left(s_{E_{3,233}}(4)\right), sgn\left(s_{E_{3,233}}(5.34)\right) \right] = \left[4.0183, 4.0184, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{234}, a_{235}, sgn\left(s_{E_{3,234}}(4)\right), sgn\left(s_{E_{3,234}}(5.34)\right) \right] = \left[4.0184, 4.0184, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{235}, a_{236}, sgn\left(s_{E_{3,235}}(4)\right), sgn\left(s_{E_{3,235}}(5.34)\right) \right] = \left[4.0184, 4.0184, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{236}, a_{237}, sgn\left(s_{E_{3,236}}(4)\right), sgn\left(s_{E_{3,236}}(5.34)\right) \right] = \left[4.0184, 4.0185, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{237}, a_{238}, sgn\left(s_{E_{3,237}}(4)\right), sgn\left(s_{E_{3,237}}(5.34)\right) \right] = \left[4.0185, 4.0185, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{238}, a_{239}, sgn\left(s_{E_{3,238}}(4)\right), sgn\left(s_{E_{3,238}}(5.34)\right) \right] = \left[4.0185, 4.0185, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{239}, a_{240}, sgn\left(s_{E_{3,239}}(4)\right), sgn\left(s_{E_{3,239}}(5.34)\right) \right] = \left[4.0185, 4.0186, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{240}, a_{241}, sgn\left(s_{E_{3,240}}(4)\right), sgn\left(s_{E_{3,240}}(5.34)\right) \right] = \left[4.0186, 4.0186, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{241}, a_{242}, sgn\left(s_{E_{3,241}}(4)\right), sgn\left(s_{E_{3,241}}(5.34)\right) \right] = \left[4.0186, 4.0186, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{242}, a_{243}, sgn\left(s_{E_{3,242}}(4)\right), sgn\left(s_{E_{3,242}}(5.34)\right) \right] = \left[4.0186, 4.0187, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{243}, a_{244}, sgn\left(s_{E_{3,243}}(4)\right), sgn\left(s_{E_{3,243}}(5.34)\right) \right] = \left[4.0187, 4.0187, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{244}, a_{245}, sgn\left(s_{E_{3,244}}(4)\right), sgn\left(s_{E_{3,244}}(5.34)\right) \right] = \left[4.0187, 4.0188, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{245}, a_{246}, sgn\left(s_{E_{3,245}}(4)\right), sgn\left(s_{E_{3,245}}(5.34)\right) \right] = \left[4.0188, 4.0188, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{246}, a_{247}, sgn\left(s_{E_{3,246}}(4)\right), sgn\left(s_{E_{3,246}}(5.34)\right) \right] = \left[4.0188, 4.0188, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{247}, a_{248}, sgn\left(s_{E_{3,247}}(4)\right), sgn\left(s_{E_{3,247}}(5.34)\right) \right] = \left[4.0188, 4.0189, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{248}, a_{249}, sgn\left(s_{E_{3,248}}(4)\right), sgn\left(s_{E_{3,248}}(5.34)\right) \right] = \left[4.0189, 4.0189, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{249}, a_{250}, sgn\left(s_{E_{3,249}}(4)\right), sgn\left(s_{E_{3,249}}(5.34)\right) \right] = \left[4.0189, 4.0189, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{250}, a_{251}, sgn\left(s_{E_{3,250}}(4)\right), sgn\left(s_{E_{3,250}}(5.34)\right) \right] = \left[4.0189, 4.0190, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{251}, a_{252}, sgn\left(s_{E_{3,251}}(4)\right), sgn\left(s_{E_{3,251}}(5.34)\right) \right] = \left[4.0190, 4.0190, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{252}, a_{253}, sgn\left(s_{E_{3,252}}(4)\right), sgn\left(s_{E_{3,252}}(5.34)\right) \right] = \left[4.0190, 4.0190, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{253}, a_{254}, sgn\left(s_{E_{3,253}}(4)\right), sgn\left(s_{E_{3,253}}(5.34)\right) \right] = \left[4.0190, 4.0191, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{254}, a_{255}, sgn\left(s_{E_{3,254}}(4)\right), sgn\left(s_{E_{3,254}}(5.34)\right) \right] = \left[4.0191, 4.0191, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{255}, a_{256}, sgn\left(s_{E_{3,255}}(4)\right), sgn\left(s_{E_{3,255}}(5.34)\right) \right] = \left[4.0191, 4.0191, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{256}, a_{257}, sgn\left(s_{E_{3,256}}(4)\right), sgn\left(s_{E_{3,256}}(5.34)\right) \right] = \left[4.0191, 4.0192, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{257}, a_{258}, sgn\left(s_{E_{3,257}}(4)\right), sgn\left(s_{E_{3,257}}(5.34)\right) \right] = \left[4.0192, 4.0192, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{258}, a_{259}, sgn\left(s_{E_{3,258}}(4)\right), sgn\left(s_{E_{3,258}}(5.34)\right) \right] = \left[4.0192, 4.0192, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{259}, a_{260}, sgn\left(s_{E_{3,259}}(4)\right), sgn\left(s_{E_{3,259}}(5.34)\right) \right] = \left[4.0192, 4.0193, \left[\ -1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right], \left[\ -1\ \ 1\ \ 1\ \ 1\ \ 1\ \ -1\ \ -1\ \ 1\ \ -1\ \right] \right]$$

$$\left[a_{260}, a_{261}, sgn\left(s_{E_{3,260}}(4)\right), sgn\left(s_{E_{3,260}}(5.34)\right)\right] = \left[4.0193, 4.0193, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{261}, a_{262}, sgn\left(s_{E_{3,261}}(4)\right), sgn\left(s_{E_{3,261}}(5.34)\right)\right] = \left[4.0193, 4.0194, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{262}, a_{263}, sgn\left(s_{E_{3,262}}(4)\right), sgn\left(s_{E_{3,262}}(5.34)\right)\right] = \left[4.0194, 4.0194, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{263}, a_{264}, sgn\left(s_{E_{3,263}}(4)\right), sgn\left(s_{E_{3,263}}(5.34)\right)\right] = \left[4.0194, 4.0194, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{264}, a_{265}, sgn\left(s_{E_{3,264}}(4)\right), sgn\left(s_{E_{3,264}}(5.34)\right)\right] = \left[4.0194, 4.0195, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{265}, a_{266}, sgn\left(s_{E_{3,265}}(4)\right), sgn\left(s_{E_{3,265}}(5.34)\right)\right] = \left[4.0195, 4.0195, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{266}, a_{267}, sgn\left(s_{E_{3,266}}(4)\right), sgn\left(s_{E_{3,266}}(5.34)\right)\right] = \left[4.0195, 4.0195, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{267}, a_{268}, sgn\left(s_{E_{3,267}}(4)\right), sgn\left(s_{E_{3,267}}(5.34)\right)\right] = \left[4.0195, 4.0196, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{268}, a_{269}, sgn\left(s_{E_{3,268}}(4)\right), sgn\left(s_{E_{3,268}}(5.34)\right)\right] = \left[4.0196, 4.0196, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{269}, a_{270}, sgn\left(s_{E_{3,269}}(4)\right), sgn\left(s_{E_{3,269}}(5.34)\right)\right] = \left[4.0196, 4.0196, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{270}, a_{271}, sgn\left(s_{E_{3,270}}(4)\right), sgn\left(s_{E_{3,270}}(5.34)\right)\right] = \left[4.0196, 4.0197, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{271}, a_{272}, sgn\left(s_{E_{3,271}}(4)\right), sgn\left(s_{E_{3,271}}(5.34)\right)\right] = \left[4.0197, 4.0197, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{272}, a_{273}, sgn\left(s_{E_{3,272}}(4)\right), sgn\left(s_{E_{3,272}}(5.34)\right)\right] = \left[4.0197, 4.0198, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{273}, a_{274}, sgn\left(s_{E_{3,273}}(4)\right), sgn\left(s_{E_{3,273}}(5.34)\right)\right] = \left[4.0198, 4.0198, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{274}, a_{275}, sgn\left(s_{E_{3,274}}(4)\right), sgn\left(s_{E_{3,274}}(5.34)\right)\right] = \left[4.0198, 4.0198, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{275}, a_{276}, sgn\left(s_{E_{3,275}}(4)\right), sgn\left(s_{E_{3,275}}(5.34)\right)\right] = \left[4.0198, 4.0199, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{276}, a_{277}, sgn\left(s_{E_{3,276}}(4)\right), sgn\left(s_{E_{3,276}}(5.34)\right)\right] = \left[4.0199, 4.0199, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{277}, a_{278}, sgn\left(s_{E_{3,277}}(4)\right), sgn\left(s_{E_{3,277}}(5.34)\right)\right] = \left[4.0199, 4.0199, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{278}, a_{279}, sgn\left(s_{E_{3,278}}(4)\right), sgn\left(s_{E_{3,278}}(5.34)\right)\right] = \left[4.0199, 4.0200, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

$$\left[a_{279}, a_{280}, sgn\left(s_{E_{3,279}}(4)\right), sgn\left(s_{E_{3,279}}(5.34)\right)\right] = \left[4.0200, 4.0200, \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right], \left[\begin{array}{cccccccc} -1 & 1 & 1 & 1 & -1 & -1 & 1 & -1 \end{array}\right]\right]$$

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