$$M_{(8)}$$

$$\begin{pmatrix}
\frac{3}{2} & \frac{27}{8} & \frac{39}{8} & 6 & \frac{27}{2} & \frac{9}{4} & 3 & \frac{9}{2} & \frac{9}{2} & \frac{3}{2} \\
\frac{13}{16} & \frac{73}{16} & \frac{15}{8} & \frac{21}{4} & \frac{19}{2} & \frac{21}{4} & \frac{11}{4} & 9 & \frac{9}{2} & \frac{3}{2} \\
\frac{9}{16} & \frac{27}{8} & \frac{73}{16} & \frac{23}{4} & 9 & \frac{19}{4} & \frac{9}{4} & \frac{23}{4} & \frac{15}{2} & \frac{3}{2} \\
\frac{3}{16} & \frac{19}{8} & \frac{21}{8} & \frac{101}{16} & \frac{15}{2} & \frac{7}{2} & \frac{15}{4} & \frac{33}{4} & 9 & \frac{3}{2} \\
\frac{9}{16} & \frac{9}{4} & \frac{19}{8} & \frac{17}{4} & \frac{171}{16} & \frac{15}{4} & \frac{23}{8} & \frac{33}{4} & 7 & 3 \\
\frac{1}{2} & \frac{23}{8} & \frac{21}{8} & \frac{65}{16} & \frac{17}{2} & \frac{101}{16} & \frac{15}{8} & \frac{29}{4} & \frac{33}{4} & \frac{11}{4} \\
\frac{3}{16} & \frac{9}{8} & \frac{9}{8} & \frac{33}{8} & 9 & \frac{9}{4} & \frac{75}{16} & \frac{45}{4} & \frac{33}{4} & 3 \\
\frac{3}{16} & \frac{15}{8} & \frac{9}{8} & \frac{33}{8} & 7 & \frac{9}{2} & \frac{13}{4} & \frac{167}{16} & \frac{39}{4} & \frac{11}{4} \\
\frac{3}{16} & \frac{23}{16} & \frac{9}{4} & \frac{29}{8} & \frac{33}{4} & \frac{33}{8} & \frac{41}{16} & \frac{67}{8} & \frac{167}{16} & \frac{15}{4} \\
\frac{3}{8} & \frac{27}{16} & \frac{33}{16} & \frac{45}{16} & \frac{69}{8} & \frac{45}{8} & \frac{27}{16} & \frac{123}{16} & \frac{39}{4} & \frac{75}{16}
\end{pmatrix}$$

$$M_{(71)}$$

$$\begin{pmatrix}
\frac{3}{4} & \frac{9}{4} & \frac{9}{2} & \frac{33}{4} & 18 & \frac{9}{4} & 6 & 9 & 9 & 3 \\
\frac{3}{4} & \frac{9}{2} & \frac{3}{2} & 6 & \frac{49}{4} & \frac{15}{2} & \frac{17}{4} & 15 & \frac{33}{4} & 3 \\
\frac{3}{8} & \frac{31}{8} & \frac{9}{2} & \frac{35}{4} & \frac{45}{4} & \frac{21}{4} & \frac{9}{2} & \frac{41}{4} & 12 & \frac{9}{4} \\
\frac{3}{16} & \frac{21}{8} & \frac{15}{4} & \frac{111}{16} & \frac{39}{4} & \frac{23}{4} & \frac{9}{2} & \frac{23}{2} & 15 & 3 \\
\frac{3}{4} & \frac{45}{16} & \frac{49}{16} & \frac{91}{16} & \frac{229}{16} & \frac{39}{8} & \frac{35}{8} & \frac{99}{8} & \frac{41}{4} & \frac{9}{2} \\
\frac{11}{16} & \frac{35}{8} & 3 & \frac{55}{8} & \frac{91}{8} & \frac{111}{16} & \frac{15}{4} & \frac{47}{4} & \frac{45}{4} & 3 \\
\frac{3}{8} & \frac{27}{16} & \frac{9}{4} & \frac{9}{2} & \frac{27}{2} & \frac{9}{2} & \frac{63}{16} & \frac{27}{2} & \frac{51}{4} & 6 \\
\frac{3}{8} & 3 & \frac{33}{16} & \frac{45}{8} & \frac{41}{4} & \frac{15}{2} & \frac{15}{4} & \frac{203}{16} & \frac{27}{2} & \frac{17}{4} \\
\frac{3}{8} & \frac{41}{16} & \frac{15}{4} & \frac{47}{8} & \frac{99}{8} & \frac{23}{4} & \frac{31}{8} & \frac{45}{4} & \frac{203}{16} & \frac{9}{2} \\
\frac{3}{4} & \frac{27}{8} & \frac{51}{16} & \frac{45}{8} & \frac{105}{8} & \frac{27}{4} & \frac{27}{8} & \frac{93}{8} & \frac{45}{4} & \frac{63}{16}
\end{pmatrix}$$

$M_{(62)}$

$$
\begin{pmatrix}
\frac{3}{4} & \frac{3}{2} & \frac{21}{4} & \frac{21}{4} & \frac{33}{2} & \frac{9}{4} & \frac{9}{2} & 9 & \frac{21}{2} & \frac{9}{2} \\
\frac{7}{8} & \frac{35}{8} & \frac{5}{4} & \frac{21}{4} & \frac{45}{4} & \frac{31}{4} & \frac{13}{4} & \frac{27}{2} & 9 & \frac{7}{2} \\
\frac{1}{4} & \frac{23}{8} & \frac{35}{8} & \frac{27}{4} & \frac{41}{4} & 6 & \frac{15}{4} & \frac{39}{4} & 13 & 3 \\
\frac{3}{16} & 3 & \frac{31}{8} & \frac{115}{16} & \frac{39}{4} & \frac{21}{4} & \frac{33}{8} & \frac{81}{8} & \frac{27}{2} & 3 \\
\frac{11}{16} & \frac{41}{16} & \frac{45}{16} & \frac{21}{4} & \frac{219}{16} & \frac{39}{8} & \frac{31}{8} & \frac{93}{8} & \frac{81}{8} & \frac{9}{2} \\
\frac{7}{16} & \frac{27}{8} & \frac{21}{8} & \frac{23}{4} & \frac{21}{2} & \frac{115}{16} & \frac{7}{2} & \frac{91}{8} & \frac{93}{8} & \frac{29}{8} \\
\frac{9}{16} & \frac{9}{4} & \frac{21}{8} & \frac{87}{16} & \frac{27}{2} & \frac{9}{2} & \frac{9}{2} & \frac{99}{8} & \frac{39}{4} & \frac{9}{2} \\
\frac{7}{16} & \frac{13}{4} & \frac{9}{4} & \frac{93}{16} & \frac{81}{8} & \frac{27}{4} & \frac{31}{8} & \frac{49}{4} & 12 & \frac{13}{4} \\
\frac{3}{8} & \frac{39}{16} & \frac{27}{8} & \frac{91}{16} & \frac{93}{8} & \frac{81}{16} & \frac{61}{16} & \frac{45}{4} & \frac{49}{4} & \frac{33}{8} \\
\frac{9}{16} & \frac{45}{16} & \frac{39}{16} & \frac{21}{4} & \frac{93}{8} & \frac{99}{16} & \frac{57}{16} & \frac{183}{16} & \frac{93}{8} & \frac{9}{2}
\end{pmatrix}
$$

$M_{(611)}$

$$
\begin{pmatrix}
0 & 0 & \frac{3}{4} & \frac{9}{4} & \frac{9}{2} & 0 & 3 & \frac{9}{2} & \frac{9}{2} & \frac{3}{2} \\
\frac{1}{8} & \frac{7}{8} & 0 & \frac{3}{2} & \frac{7}{2} & \frac{9}{4} & \frac{3}{2} & 6 & \frac{15}{4} & \frac{3}{2} \\
0 & \frac{7}{8} & \frac{7}{8} & 3 & 3 & \frac{5}{4} & \frac{9}{4} & \frac{9}{2} & \frac{9}{2} & \frac{3}{4} \\
0 & \frac{5}{8} & \frac{9}{8} & \frac{7}{4} & 3 & \frac{9}{4} & \frac{9}{8} & \frac{29}{8} & 6 & \frac{3}{2} \\
\frac{3}{16} & \frac{3}{4} & \frac{7}{8} & \frac{29}{16} & \frac{19}{4} & \frac{3}{2} & \frac{3}{2} & \frac{9}{2} & \frac{29}{8} & \frac{3}{2} \\
\frac{3}{16} & \frac{3}{2} & \frac{3}{4} & \frac{45}{16} & \frac{29}{8} & \frac{7}{4} & \frac{15}{8} & \frac{9}{2} & \frac{27}{8} & \frac{5}{8} \\
\frac{3}{16} & \frac{9}{16} & \frac{9}{8} & \frac{15}{16} & \frac{9}{2} & \frac{9}{4} & \frac{9}{16} & \frac{27}{8} & \frac{9}{2} & 3 \\
\frac{3}{16} & \frac{9}{8} & \frac{15}{16} & \frac{27}{16} & \frac{29}{8} & 3 & \frac{7}{8} & \frac{57}{16} & \frac{9}{2} & \frac{3}{2} \\
\frac{3}{16} & \frac{9}{8} & \frac{3}{2} & \frac{9}{4} & \frac{9}{2} & \frac{29}{16} & \frac{21}{16} & \frac{29}{8} & \frac{57}{16} & \frac{9}{8} \\
\frac{3}{8} & \frac{27}{16} & \frac{9}{8} & \frac{45}{16} & \frac{9}{2} & \frac{27}{16} & \frac{27}{16} & \frac{63}{16} & \frac{21}{8} & \frac{9}{16}
\end{pmatrix}
$$

$M_{(53)}$

$$\begin{pmatrix}
\frac{3}{4} & \frac{3}{2} & \frac{15}{4} & \frac{9}{2} & 12 & \frac{3}{4} & 3 & \frac{27}{4} & 6 & 3 \\
\frac{5}{8} & \frac{27}{8} & \frac{3}{4} & \frac{33}{8} & \frac{31}{4} & \frac{11}{2} & \frac{21}{8} & 9 & \frac{25}{4} & 2 \\
\frac{1}{4} & \frac{19}{8} & \frac{27}{8} & 5 & \frac{15}{2} & \frac{15}{4} & \frac{21}{8} & \frac{55}{8} & \frac{17}{2} & \frac{7}{4} \\
\frac{1}{16} & \frac{15}{8} & \frac{11}{4} & \frac{81}{16} & 7 & \frac{7}{2} & 3 & \frac{15}{2} & 9 & \frac{9}{4} \\
\frac{1}{2} & \frac{15}{8} & \frac{31}{16} & \frac{61}{16} & \frac{153}{16} & \frac{7}{2} & \frac{45}{16} & 8 & 7 & 3 \\
\frac{3}{8} & \frac{5}{2} & \frac{33}{16} & \frac{65}{16} & \frac{61}{8} & \frac{81}{16} & \frac{19}{8} & \frac{127}{16} & \frac{31}{4} & \frac{9}{4} \\
\frac{3}{8} & \frac{21}{16} & \frac{3}{2} & \frac{27}{8} & 9 & \frac{27}{8} & \frac{51}{16} & 9 & \frac{63}{8} & 3 \\
\frac{1}{4} & \frac{17}{8} & \frac{25}{16} & \frac{31}{8} & 7 & \frac{9}{2} & \frac{21}{8} & \frac{141}{16} & \frac{69}{8} & \frac{21}{8} \\
\frac{9}{32} & \frac{55}{32} & \frac{9}{4} & \frac{127}{32} & 8 & \frac{15}{4} & \frac{83}{32} & \frac{61}{8} & \frac{141}{16} & 3 \\
\frac{3}{8} & \frac{63}{32} & \frac{63}{32} & \frac{57}{16} & \frac{135}{16} & \frac{9}{2} & \frac{75}{32} & \frac{249}{32} & \frac{63}{8} & \frac{51}{16}
\end{pmatrix}$$

$M_{(521)}$

$$\begin{pmatrix}
0 & 0 & \frac{3}{2} & \frac{3}{2} & 6 & 0 & \frac{3}{2} & \frac{9}{2} & 6 & 3 \\
\frac{1}{4} & \frac{5}{4} & 0 & \frac{7}{4} & 4 & \frac{7}{2} & \frac{5}{4} & \frac{11}{2} & \frac{9}{2} & 2 \\
0 & \frac{3}{4} & \frac{5}{4} & \frac{9}{4} & \frac{7}{2} & 2 & \frac{3}{2} & \frac{19}{4} & \frac{13}{2} & \frac{3}{2} \\
0 & 1 & \frac{7}{4} & \frac{5}{2} & 4 & \frac{5}{2} & \frac{3}{2} & \frac{15}{4} & \frac{11}{2} & \frac{3}{2} \\
\frac{1}{4} & \frac{7}{8} & 1 & 2 & \frac{21}{4} & 2 & \frac{13}{8} & \frac{19}{4} & \frac{17}{4} & 2 \\
\frac{1}{8} & \frac{9}{8} & \frac{7}{8} & \frac{17}{8} & 4 & \frac{5}{2} & \frac{13}{8} & \frac{43}{8} & 5 & \frac{5}{4} \\
\frac{3}{8} & \frac{9}{8} & \frac{3}{2} & \frac{15}{8} & 6 & \frac{9}{4} & \frac{9}{8} & \frac{9}{2} & \frac{15}{4} & \frac{3}{2} \\
\frac{1}{4} & \frac{13}{8} & \frac{9}{8} & \frac{5}{2} & \frac{17}{4} & \frac{11}{4} & \frac{11}{8} & \frac{35}{8} & \frac{9}{2} & \frac{5}{4} \\
\frac{3}{16} & \frac{19}{16} & \frac{11}{8} & \frac{43}{16} & \frac{19}{4} & \frac{15}{8} & \frac{27}{16} & \frac{35}{8} & \frac{35}{8} & \frac{3}{2} \\
\frac{3}{16} & \frac{9}{8} & \frac{15}{16} & \frac{39}{16} & \frac{39}{8} & \frac{9}{4} & \frac{15}{8} & \frac{81}{16} & \frac{33}{8} & \frac{9}{8}
\end{pmatrix}$$

$M_{(44)}$

$$\begin{pmatrix}
0 & 0 & \frac{3}{4} & \frac{9}{4} & \frac{9}{2} & \frac{3}{4} & \frac{3}{2} & \frac{9}{4} & \frac{3}{2} & \frac{3}{2} \\
\frac{1}{8} & \frac{7}{8} & \frac{1}{4} & \frac{9}{8} & \frac{11}{4} & \frac{9}{4} & \frac{9}{8} & \frac{7}{2} & \frac{5}{2} & \frac{1}{2} \\
0 & \frac{7}{8} & \frac{7}{8} & \frac{9}{4} & \frac{5}{2} & 1 & \frac{9}{8} & \frac{19}{8} & 3 & 1 \\
\frac{1}{16} & \frac{1}{2} & \frac{9}{8} & \frac{21}{16} & \frac{5}{2} & \frac{5}{4} & \frac{7}{8} & \frac{25}{8} & \frac{7}{2} & \frac{3}{4} \\
\frac{3}{16} & \frac{5}{8} & \frac{11}{16} & \frac{5}{4} & \frac{53}{16} & \frac{5}{4} & \frac{17}{16} & 3 & \frac{21}{8} & 1 \\
\frac{3}{16} & \frac{9}{8} & \frac{9}{16} & \frac{7}{4} & \frac{5}{2} & \frac{21}{16} & \frac{7}{8} & \frac{47}{16} & \frac{23}{8} & \frac{7}{8} \\
\frac{3}{16} & \frac{3}{4} & \frac{3}{8} & \frac{21}{16} & 3 & \frac{9}{8} & \frac{3}{4} & \frac{21}{8} & \frac{27}{8} & \frac{3}{2} \\
\frac{1}{16} & \frac{3}{4} & \frac{5}{8} & \frac{23}{16} & \frac{21}{8} & \frac{7}{4} & \frac{7}{8} & \frac{23}{8} & \frac{23}{8} & \frac{9}{8} \\
\frac{3}{32} & \frac{19}{32} & \frac{7}{8} & \frac{47}{32} & 3 & \frac{25}{16} & \frac{33}{32} & \frac{21}{8} & \frac{23}{8} & \frac{7}{8} \\
\frac{3}{16} & \frac{27}{32} & \frac{27}{32} & \frac{21}{16} & \frac{51}{16} & \frac{21}{16} & \frac{27}{32} & \frac{99}{32} & \frac{21}{8} & \frac{3}{4}
\end{pmatrix}$$

$M_{(431)}$

$$\begin{pmatrix}
0 & 0 & \frac{3}{2} & \frac{3}{2} & \frac{9}{2} & 0 & \frac{3}{2} & 3 & \frac{3}{2} & \frac{3}{2} \\
\frac{1}{4} & 1 & 0 & \frac{5}{4} & \frac{5}{2} & \frac{9}{4} & 1 & \frac{7}{2} & \frac{11}{4} & \frac{1}{2} \\
0 & \frac{3}{4} & 1 & 2 & \frac{5}{2} & \frac{5}{4} & \frac{5}{4} & \frac{5}{2} & 3 & \frac{3}{4} \\
0 & \frac{5}{8} & \frac{9}{8} & \frac{3}{2} & \frac{5}{2} & 1 & \frac{7}{8} & \frac{23}{8} & \frac{7}{2} & 1 \\
\frac{3}{16} & \frac{5}{8} & \frac{5}{8} & \frac{21}{16} & \frac{27}{8} & \frac{5}{4} & 1 & 3 & \frac{21}{8} & 1 \\
\frac{1}{8} & 1 & \frac{5}{8} & \frac{7}{4} & \frac{21}{8} & \frac{3}{2} & 1 & \frac{23}{8} & \frac{21}{8} & \frac{7}{8} \\
\frac{3}{16} & \frac{9}{16} & \frac{3}{8} & \frac{21}{16} & 3 & \frac{3}{2} & \frac{15}{16} & \frac{21}{8} & 3 & \frac{3}{2} \\
\frac{1}{16} & \frac{3}{4} & \frac{11}{16} & \frac{21}{16} & \frac{21}{8} & \frac{7}{4} & \frac{7}{8} & \frac{47}{16} & 3 & 1 \\
\frac{1}{8} & \frac{5}{8} & \frac{7}{8} & \frac{23}{16} & 3 & \frac{23}{16} & \frac{15}{16} & \frac{11}{4} & \frac{47}{16} & \frac{7}{8} \\
\frac{3}{16} & \frac{15}{16} & \frac{3}{4} & \frac{3}{2} & 3 & \frac{21}{16} & \frac{15}{16} & \frac{45}{16} & \frac{21}{8} & \frac{15}{16}
\end{pmatrix}$$

$M_{(422)}$

$$\begin{pmatrix}
0 & 0 & \frac{3}{4} & 0 & \frac{3}{2} & 0 & 0 & \frac{3}{4} & \frac{3}{2} & \frac{3}{2} \\
\frac{1}{8} & \frac{3}{8} & 0 & \frac{3}{8} & 1 & \frac{5}{4} & \frac{1}{8} & 1 & \frac{5}{4} & \frac{1}{2} \\
0 & \frac{1}{8} & \frac{3}{8} & \frac{1}{4} & \frac{3}{4} & \frac{3}{4} & \frac{1}{8} & \frac{7}{8} & 2 & \frac{3}{4} \\
0 & \frac{3}{8} & \frac{5}{8} & \frac{3}{4} & \frac{5}{4} & \frac{1}{2} & \frac{3}{8} & \frac{7}{8} & 1 & \frac{1}{4} \\
\frac{1}{16} & \frac{3}{16} & \frac{1}{4} & \frac{7}{16} & \frac{11}{8} & \frac{5}{8} & \frac{5}{16} & \frac{9}{8} & \frac{9}{8} & \frac{1}{2} \\
0 & \frac{1}{8} & \frac{3}{16} & \frac{1}{4} & \frac{7}{8} & \frac{3}{4} & \frac{1}{4} & \frac{21}{16} & \frac{13}{8} & \frac{5}{8} \\
\frac{3}{16} & \frac{9}{16} & \frac{3}{8} & \frac{15}{16} & \frac{3}{2} & \frac{3}{8} & \frac{9}{16} & \frac{9}{8} & \frac{3}{8} & 0 \\
\frac{1}{16} & \frac{1}{2} & \frac{5}{16} & \frac{13}{16} & \frac{9}{8} & \frac{1}{2} & \frac{1}{2} & \frac{19}{16} & \frac{7}{8} & \frac{1}{8} \\
\frac{1}{32} & \frac{7}{32} & \frac{1}{4} & \frac{21}{32} & \frac{9}{8} & \frac{7}{16} & \frac{15}{32} & \frac{5}{4} & \frac{19}{16} & \frac{3}{8} \\
0 & \frac{3}{32} & \frac{3}{32} & \frac{3}{8} & \frac{15}{16} & \frac{9}{16} & \frac{15}{32} & \frac{45}{32} & \frac{3}{2} & \frac{9}{16}
\end{pmatrix}$$

$M_{(332)}$

$$\begin{pmatrix}
0 & 0 & \frac{3}{4} & 0 & \frac{3}{2} & 0 & 0 & \frac{3}{4} & 0 & 0 \\
\frac{1}{8} & \frac{3}{8} & 0 & \frac{3}{8} & \frac{1}{2} & \frac{1}{2} & \frac{1}{8} & \frac{1}{2} & \frac{1}{2} & 0 \\
0 & \frac{1}{8} & \frac{3}{8} & \frac{1}{4} & \frac{3}{4} & \frac{1}{2} & \frac{1}{8} & \frac{3}{8} & \frac{1}{2} & 0 \\
0 & \frac{1}{4} & \frac{1}{4} & \frac{1}{2} & \frac{1}{2} & 0 & \frac{1}{4} & \frac{1}{2} & \frac{1}{2} & \frac{1}{4} \\
\frac{1}{16} & \frac{3}{16} & \frac{1}{8} & \frac{5}{16} & \frac{5}{8} & \frac{1}{4} & \frac{3}{16} & \frac{1}{2} & \frac{1}{2} & \frac{1}{4} \\
0 & \frac{1}{8} & \frac{3}{16} & \frac{1}{4} & \frac{5}{8} & \frac{1}{2} & \frac{1}{8} & \frac{7}{16} & \frac{1}{2} & \frac{1}{4} \\
0 & 0 & 0 & \frac{3}{8} & \frac{3}{4} & \frac{3}{8} & \frac{3}{8} & \frac{3}{4} & \frac{3}{8} & 0 \\
0 & \frac{1}{8} & \frac{1}{8} & \frac{1}{4} & \frac{1}{2} & \frac{1}{4} & \frac{1}{4} & \frac{3}{4} & \frac{5}{8} & \frac{1}{8} \\
\frac{1}{32} & \frac{3}{32} & \frac{1}{8} & \frac{7}{32} & \frac{1}{2} & \frac{1}{4} & \frac{5}{32} & \frac{5}{8} & \frac{3}{4} & \frac{1}{4} \\
0 & \frac{3}{32} & \frac{3}{32} & \frac{3}{16} & \frac{9}{16} & \frac{3}{8} & \frac{3}{32} & \frac{15}{32} & \frac{3}{4} & \frac{3}{8}
\end{pmatrix}$$