

$$\begin{pmatrix} \frac{1}{2} & -\frac{3}{2} \\ \frac{1}{2} & \frac{1}{2} \end{pmatrix}, \begin{pmatrix} 1 & 0 \\ \sqrt{5}+3 & 1 \end{pmatrix}, \begin{pmatrix} \frac{9}{4}\sqrt{5}+\frac{23}{4} & -\frac{3}{4}\sqrt{5}-\frac{9}{4} \\ \frac{23}{4}\sqrt{5}+\frac{57}{4} & -\frac{9}{4}\sqrt{5}-\frac{19}{4} \end{pmatrix}, \begin{pmatrix} \frac{15}{4}\sqrt{5}+\frac{31}{4} & -\frac{9}{4}\sqrt{5}-\frac{21}{4} \\ \frac{35}{4}\sqrt{5}+\frac{79}{4} & -\frac{21}{4}\sqrt{5}-\frac{53}{4} \end{pmatrix}, \\
\begin{pmatrix} \frac{21}{4}\sqrt{5}+\frac{47}{4} & -\frac{9}{4}\sqrt{5}-\frac{27}{4} \\ \frac{45}{4}\sqrt{5}+\frac{103}{4} & -\frac{21}{4}\sqrt{5}-\frac{55}{4} \end{pmatrix}, \begin{pmatrix} \frac{15}{2}\sqrt{5}+\frac{37}{2} & -\frac{9}{2}\sqrt{5}-\frac{21}{2} \\ \frac{35}{2}\sqrt{5}+\frac{83}{2} & -\frac{21}{2}\sqrt{5}-\frac{47}{2} \end{pmatrix}, \begin{pmatrix} \frac{51}{4}\sqrt{5}+\frac{115}{4} & -\frac{27}{4}\sqrt{5}-\frac{63}{4} \\ \frac{91}{4}\sqrt{5}+\frac{207}{4} & -\frac{51}{4}\sqrt{5}-\frac{107}{4} \end{pmatrix}$$