```
In[\bullet]:= g1 = \{\{0, 1, 0\}, \{1, 0, 0\}, \{0, 0, 0\}\} / 2;
          g2 = \{\{0, -i, 0\}, \{i, 0, 0\}, \{0, 0, 0\}\} / 2;
          g3 = \{\{1, 0, 0\}, \{0, -1, 0\}, \{0, 0, 0\}\} / 2;
          g4 = \{\{0, 0, 1\}, \{0, 0, 0\}, \{1, 0, 0\}\} / 2;
          g5 = \{\{0, 0, -i\}, \{0, 0, 0\}, \{i, 0, 0\}\} / 2;
          g6 = \{\{0, 0, 0\}, \{0, 0, 1\}, \{0, 1, 0\}\} / 2;
          g7 = \{\{0, 0, 0\}, \{0, 0, -i\}, \{0, i, 0\}\} / 2;
          g8 = \{\{1, 0, 0\}, \{0, 1, 0\}, \{0, 0, -2\}\} / Sqrt[12];
  ln[\bullet]:=\lambda=\{g1, g2, g3, g4, g5, g6, g7, g8\};
  /n[•]:= (#.#) & /@λ // Total // MatrixForm
Out[•]//MatrixForm=

\begin{pmatrix}
\frac{4}{3} & 0 & 0 \\
0 & \frac{4}{3} & 0 \\
0 & 0 & \frac{4}{3}
\end{pmatrix}

  ln[\bullet] := comm[x_, y_] := x.y - y.x;
         f[a_{-}, b_{-}, c_{-}] := \frac{1}{2\pi} Tr[comm[\lambda[a], \lambda[b]].\lambda[c]];
  In[\bullet]:= f[2, 5, 7]
 Out[\bullet] = \frac{1}{8}
  In[\bullet]:= f[2, 7, 5]
```