$$H_{16} \quad = \quad \left[\begin{array}{cc} -4\,h - 6\,\mu + U & \frac{-t}{2} - \frac{\mathbf{i}}{2}\sqrt{3}\,t \\ \frac{-t}{2} + \frac{\mathbf{i}}{2}\sqrt{3}\,t & -4\,h - 6\,\mu + U \end{array} \right]$$