

I Gave My Love a Cherry

$$1 = C$$

Kentucky Mountain Song

The image displays a 4x4 grid of diagrams, each representing a configuration of particles on a 1D lattice with 8 sites. The particles are labeled 1 through 6. The diagrams show the following configurations:

- Row 1:**
 - Diagram 1: Particles 5, 5, 5, 5, 5, 6, 1, 4.
 - Diagram 2: Particles 1, 2, 1, 6, 1, 6, 5, 1.
 - Diagram 3: Particles 5, 5, 5, 5, 5, 6, 1, 4.
 - Diagram 4: Particles 1, 2, 1, 6, 1, 6, 5, 1.
- Row 2:**
 - Diagram 1: Particles 2, 2, 2, 2, 3, 5, 6, 5.
 - Diagram 2: Particles 5⁷, 1, 5, 3, 2, 5, 2, 2.
 - Diagram 3: Particles 2, 2, 2, 2, 3, 5, 6, 5.
 - Diagram 4: Particles 5⁷, 1, 5, 3, 2, 5, 2, 2.
- Row 3:**
 - Diagram 1: Particles 2, 2, 2, 2, 3, 5, 6, 5.
 - Diagram 2: Particles 1, 1, 6, 5, 6, 1, 6, 5.
 - Diagram 3: Particles 4, 1, 1, 2, 1, 6, 1, 4.
 - Diagram 4: Particles 1, 1, 6, 5, 6, 1, 6, 5.
- Row 4:**
 - Diagram 1: Particles 2, 1, 6, 5, 6, 1, 6, 5.
 - Diagram 2: Particles 4, 1, 1, 2, 1, 6, 1, 4.
 - Diagram 3: Particles 1, 1, 6, 5, 6, 1, 6, 5.
 - Diagram 4: Particles 1, 1, 6, 5, 6, 1, 6, 5.

The bottom-right diagram is partially cut off and contains the text "1, 2." and "3.".