

QUESTION

Which of the following is a characteristic of a **strongly** correlated system?

A. The system is highly ordered.
 B. The system is highly disordered.
 C. The system is highly symmetric.
 D. The system is highly asymmetric.

ANSWER

The correct answer is **A**. A strongly correlated system is one in which the interactions between particles are so strong that they significantly affect the overall behavior of the system. This often leads to a high degree of order, such as in a crystal lattice or a superconductor.

QUESTION

Which of the following is a characteristic of a **weakly** correlated system?

A. The system is highly ordered.
 B. The system is highly disordered.
 C. The system is highly symmetric.
 D. The system is highly asymmetric.

ANSWER

The correct answer is **B**. A weakly correlated system is one in which the interactions between particles are so weak that they have little effect on the overall behavior of the system. This often leads to a high degree of disorder, such as in a gas or a liquid.