For example, even the cold source system disclosed in Patent Literature 1 has difficulty controlling a plurality of freezers while keeping a high COP when a heat load is changed.

【0006】

~~It is an object~~Embodiments of the present invention seek to provide a cold source system capable of controlling a plurality of refrigerators while keeping a high coefficient of performance.

Means to Solve the Problems

【0007】

~~In order to solve the above problem, the present invention~~According to an aspect, there is provided~~s~~ a cold source system including: at least two sets of cold source machines ~~with~~ having a refrigerator~~s~~.; ~~An aspect of the present invention provides a cold source system including:~~ a simulation unit which calculates a coefficient of performance of each of cold source machines; a priority-determining unit which determines an order of operation in such a manner that the higher maximum coefficient of performance the cold source machines have, the higher the priority of the operation is set to be; a schedule-determining unit which determines an operation schedule in such a manner that the cold source machines with the higher priority are preferentially operated based on a prediction of a change in cold demand of a heat load; and an operation-controlling unit which operates the cold source machines based on the operation schedule.

Effect of the Invention

【0008】

Embodiments of ~~T~~the present invention ~~can~~may provide a cold source system capable of controlling a plurality of refrigerators while keeping a high coefficient of performance.

Brief Description of the Drawings