

[ABSTRACT]

An information providing device 100 is configured to include a storage unit 101 that stores price information 125 on various financial products, and a calculation unit 104 that
5 performs calculation on an Ising model in which a price increase-decrease event of each financial product on an estimated price determined based on an actual price of the financial product indicated in the price information and a sensitivity of the financial product to another financial product is set as a spin,
10 and in which sensitivities between prices of the financial products are set as the strengths of interactions between the spins, wherein the calculation unit outputs, to a specified device, information on a future price of at least one financial product of the financial products based on a result of the calculation.