ABSTRACT

Title of Invention: ANALYSIS SYSTEM AND ANALYSIS METHOD

In an analysis method and an analysis system for detecting fluorescences from each of a plurality of light-emitting points in a plurality of wavelength bands in order to identify fluorescence emissions of a plurality of types of fluorophores from the plurality of light-emitting points, spatial crosstalk and spectral crosstalk are present between the plurality of light-emitting points and between the plurality of wavelength bands, and then performance of the identification is reduced. The spatial crosstalk and the spectral crosstalk are eliminated and concentrations of each of the plurality of types of fluorophores at each of the plurality of light-emitting points are derived by inputting all detection signals in the plurality of wavelength bands for the plurality of light-emitting points to a predetermined arithmetic operation expression.

FIGURE NO. 30