

DATA STRUCTURE AND RECORDING MEDIUM, PLAYING DEVICE, PLAYING METHOD, PROGRAM, AND PROGRAM STORING MEDIUM

ABSTRACT

The present invention relates to a data structure and recording medium, a playing device, a playing method, a program, and a program storing medium, which enable providing of a video format for 3D display, suitable for 3D display of captions and menu buttons.

Caption data used for 2D display of caption and menu data used for 2D display of menu buttons are recorded in a disc 11. Also recorded in the disc 11 is a database of offset information, in which is described offset information, made up of offset direction representing the direction of shifting of an image for the left eye and an image for the right eye used for 3D display as to images for 2D display regarding the caption data and menu data, and an offset value representing the amount of shifting, correlated with the playing point-in-time of caption data and menu data, respectively. The present invention can be applied to a 3D display disc, for example.

Fig. 3