

Control method and apparatus of magnetic disc device, recording medium, and inspection method and apparatus of magnetic disc device

ABSTRACT

Noise level superposed on the head position detected by a position detector 103 is measured by a noise measuring unit 110, and an estimate position gain corresponding to the measured noise level is determined by a gain determining unit 111. An estimator 106 adds the logically calculated model position, and the result of the difference between the detected position and model position multiplied by the estimate position gain, so that the estimate position is calculated at high precision.

FIGURE 1.