

MAGNETIC DISK DEVICE

[Name of Document] Abstract of the Disclosure

[Abstract]

[Object]

Even under circumstances where a leakage magnetic field deletes data on adjacent tracks little by little, such deletion can be compensated so as to prevent data errors from occurring.

[Solving Means]

A magnetic disk device includes magnetic disks, magnetic heads, and a write and read circuit for writing or reading data, and writes or reads the data on tracks on the magnetic disks. The number of write of the data on a given track is acquired and it is detected that the number of write reaches a predetermined number. Then, based on the detection, the data on the tracks adjacent to a given track is read out once and, then, the data is rewritten on the adjacent tracks. Further, when the data is written on the tracks, the data is written on alternate physical tracks and every other track is skipped and, after the data is written on half of all tracks, the data is written on said skipped tracks.

[Selected Drawing] Fig. 1