

## §7. Research Collaboration for Data Base of Superconducting Magnets for Fusion Devices

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### 1. Progress by March 2001

Collaboration on the database of superconducting magnets for fusion devices was initiated in FY1999 with the contributors all over the universities and research institutes in Japan. The major purpose of this project is to establish a database that will be essential and useful for the design and construction of superconducting magnets for next fusion devices in near future. Three meetings were held in FY2000 under this collaboration. 500 database are collected in 14 categories of the superconducting magnets, and were reviewed by the collaborators. All of the database is being prepared for WWW (World Wide Web). A preliminary website of the database has been established as shown in Fig.1 and 2. A database consists of a table of contents, which provides a link to a database itself. A user may also

find a database by search function embedded in the website. The database will be available through Internet from all over the world.

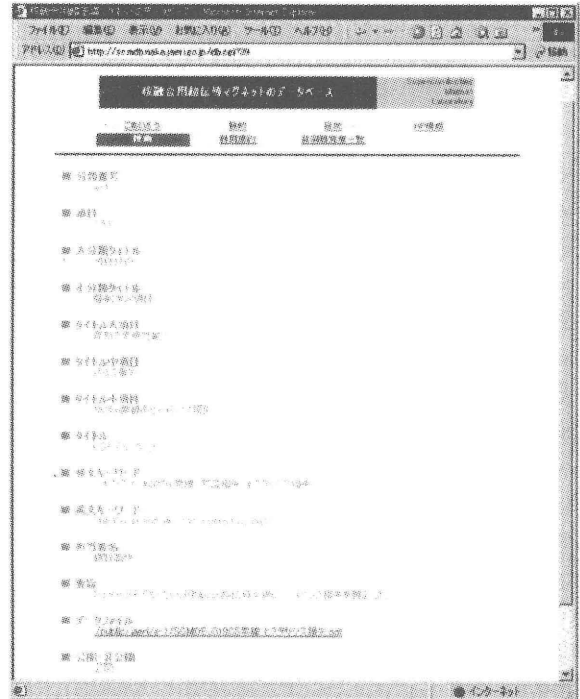


Fig.1 An example of database coversheet for WWW.

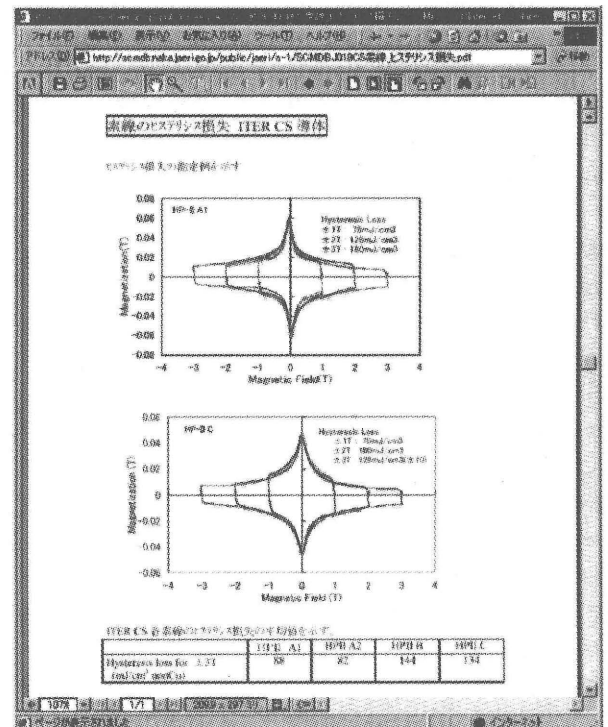


Fig. 2 An example of database for WWW. Database is linked from its coversheet.