

§3. Research Collaboration on the Database of Superconducting Magnets for Fusion Devices

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1. Progress by March 2002

Collaboration on the database of superconducting magnets for fusion devices was initiated in FY1999 with the contributors from 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. 900 items in total were collected in the database and were divided into 15 categories of the superconducting technologies, including superconductors, insulation materials, metallic materials, power supply and so on. The database was reviewed by the collaborator and is being prepared for WWW (World Wide Web). A preliminary website of the database has been established as shown in Figs.1 and 2. A table of contents of the website provides a link to a data itself. A user may also find a data by a search function embedded in the website. The database will be made available through Internet from all over the

world.

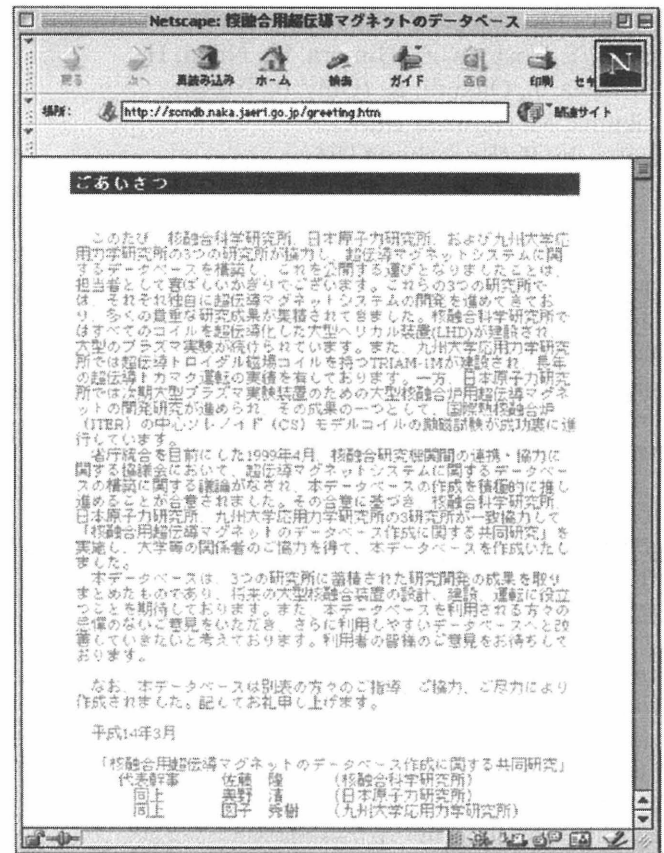


Fig.1 Top page of home page for the database.



Fig. 2. Search page of the database for WWW. User can get a desired data by this search function.