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Bernd Wegner* (wegner@math.tu-berlin.de). *EMANI - Current Achievements of a Project for the Long-term Preservation of Electronic Publications in Mathematics.*

With the rapidly growing activities in electronic publishing ideas came up to install global repositories, which deal with three mainstreams in this enterprise: storing the electronic material currently available, pursuing projects to solve the long-term archiving problem for this material with the ambition to preserve the content in readable form for future generations, and to capture the printed literature in digital versions providing good access and search facilities for the readers. The talk will describe some recent developments in this area. As a special project for mathematics in the archiving area the Electronic Mathematics Archives Network Initiative (EMANI) had been designed. Having in mind that a distributed architecture would be more suitable and reduce the load on the partners for such a project, a network is proposed. For the core of the network, a co-operational system of reference libraries and content providers like publishers and editors has been set up. Over two years the concept of EMANI has been developed in four workshops, addressing more or less also all aspects relevant for the DML. A report on the structures installed for the future work and on digital offers developed in EMANI so far will be given. (Received February 23, 2004)