1. Record Nr. UNINA9910709560603321 Autore Hestenes Magnus R Titolo NBS-INA-The Institute for Numerical Analysis - UCLA 1947-1954 / / Magnus R. Hestenes, John Todd Pubbl/distr/stampa Gaithersburg, MD:,: U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1991 Descrizione fisica 1 online resource Collana NIST special publication; ; 730 Altri autori (Persone) HestenesMagnus R ToddJohn Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali 1991. Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes. Title from PDF title page. Nota di bibliografia Includes bibliographical references. Sommario/riassunto The report is a history of the Institute for Numerical Analysis (INA) with special emphasis on its research program during the period 1947 to 1956. The Institute for Numerical Analysis was located on the campus of the University of California, Los Angeles. It was a section of the National Applied Mathematics Laboratories, which formed the Applied Mathematics Division of the National Bureau of Standards (now the National Institute of Standards and Technology), under the U.S. Department of Commerce. The history of the program at INA is concerned primarily with the development of mathematics pertinent to solving numerical computations. The development could happen only if some mathematicians were proficient in handling the electronic digital

computers. To insure that there would be some, INA was constituted. It was well funded, and could attract first class mathematicians to take a year off for research at INA. They were in the midst of people solving problems of considerable difficulty using digital computers. They were thus enticed into using them. When this happened, many important developments emerged. The history is centered around these people and discusses who they were, what their interests were, and what they