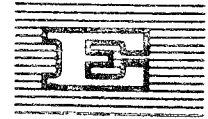


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Item 11 of the provisional agenda.
Automated data processing (ADP)

AUTOMATIC DATA PROCESSING

Paper presented by Japan

The Geographical Survey Institute, Ministry of Construction, prepared a mark card (Form 1) for input into an electronic computer, and the geographical names indicated on the 1:25,000 scale topographic maps of the entire area of Sizuoka Ken are recorded on these mark cards.

Because this system was still on an experimental basis and because no concrete method has been finalized for the processing of Kanji characters which are indispensable for the indication of Japanese geographical names, the input of Kanji characters was not taken into consideration. Instead, the readings are inputted in the form of Hiragana characters.

The information recorded on the mark card includes the pronunciation of the name of a given place, its kind, the name of Si, Mati or Mura (location indicated by latitude and longitude), the number of the area sectioned by 30" in latitude and 45" in longitude (the area is known as a standard area mesh'), the name of topographic map, the year of preparation of the topographic map, survey data and the date of preparation of the card, etc. Of these pieces of information, those which may be inputted into the electronic computer are the pronunciation, kind, name of Si, Mati or Mura, standard area mesh, year of preparation of the topographic map, survey data and date of preparation of the card.

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Form 2, a slight modification of the mark card (Form 1), is used in recording geographical names by kind.

This work was carried out when a wide variety of information was converted into data which could be inputted into the computer, and mark cards were prepared for mountains (15,732), lakes (11,584) and islands (5,281).

On the basis of the results of this work, an attempt was made to study Kanzi printers necessary for writing in Kanzi characters as well as codes and symbols. At the same time, a study is under way on the merits and demerits of input of standard area meshes, latitudes and longitudes.

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