

## EXTRACTS AND REVIEWS OF BOOKS.

### TRIANGULAÇÃO E LEVANTAMENTO DA CARTA DA ILHA DO PRINCIPE.

(TRIANGULATION AND SURVEY FOR A MAP OF PRINCIPE ISLAND.)

by

João Augusto CAPÊLO.

(1 Vol., 26 × 20 cm., 36 pages - Imprensa Nacional, Lisboa, 1934.)

During 1929 and 1930, a triangulation and a survey for the map of Principe Island were carried out under the technical direction of the Commission on Cartography, on behalf of the Portuguese Colony of São Tomé and Principe (Gulf of Guinea). São Tomé Island had been mapped and triangulated by Gago COUTINHO.

The book gives the final results in rectangular coordinates and in geographical positions.

It was deduced from the measurements of plumb line deviation at the outermost stations that the mean geoid in the island area has a radius equivalent to 0.956 of the mean radius of the ellipsoid of reference adopted, namely the International Ellipsoid of Madrid, 1924.

### SOUNDING VELOCITIES IN THE PACIFIC.

by

FLOYD M. SOULE.

(Extract from the *Report of the Fifth Pacific Science Congress*, Victoria, Vancouver, 1st-14th June 1933).

In an article published under the above title, F. M. SOULE of the Carnegie Institution, Washington, taking as basis oceanographic data collected on the last cruise of the *Carnegie* in the Pacific from October 1928 to November 1929, has computed the velocity of propagation of sound through Pacific Ocean water, using for the purpose the salinity and temperature measurements taken by the exploring vessel.

