

marked by the change of direction of Taurus, and by the winged Rams placed across in these two places. In the great zodiac of the same city, the marks would be the position across of the Bull and the reverse situation of Sagittarius. There would then only be one portion of the constellation elapsed between the dates of Esne, and those of Dendera, a space however still too long for edifices so similar in construction.

The late M. Delambre appeared to confirm these conjectures concerning their more modern construction by an experiment on the circular planisphere; for on placing the stars upon Hipparchus's projection, according to the theory of this astronomer, and the positions which he had assigned them in his catalogue, increasing all the longitudes that thus the solstice would pass through the second of Gemini, he nearly reproduced this planisphere; and he says "this similarity would have been still more close if he had adopted the longitudes which are laid down in the catalogue of Ptolemæus, for the year of our era one hundred and twenty-three. On the contrary, on referring back twenty-five or twenty-six centuries, the right ascensions and declinations will be greatly changed, and the projections will have taken an entirely different figure. (1) All these calculations," adds the great astronomer, "lead us to the conclusion, that the sculptures are subsequent to the epoch of Alexander."

In fact, the circular planisphere having been brought to Paris, by MM. Saunier and Lelorrain, M.

(1) Delambre. Note at the end of the report of the Memoir of M. de Paravey. This report is printed in the new Annals of Voyages, v. viii.