

ELEMENTS AND EPHEMERIS OF COMET *d*, 1896 (GIACOBINI).

BY F. H. SEARES.

With the help of Mr. CRAWFORD, student assistant in the observatory, I have computed the following elements and ephemeris* for Comet *d*, 1896 (GIACOBINI).

ELEMENTS.

$$T = 1896, \text{ Oct. } 10.3415 \text{ G. M. T.}$$

$$\left. \begin{array}{l} i = 9^{\circ} \ 6' \ 8'' \\ \omega = 154 \ 47 \ 45 \\ \Omega = 195 \ 33 \ 58 \end{array} \right\} 1896.0$$

$$\log q = 0.046390$$

Residuals for the middle place (O—C).

$$\Delta \lambda \cos \beta = -4''.0; \Delta \beta = -4''.0.$$

STUDENTS' OBSERVATORY, Berkeley.

ELEMENTS AND EPHEMERIS OF COMET *e*, 1896 (SPERRA).

BY FREDERICK H. SEARES.

"With the assistance of Mr. CRAWFORD, I have computed the following elements and ephemeris† for Comet *e*, 1896 (SPERRA)."

$$T = \text{July } 10.6427 \text{ G. M. T.}$$

$$\left. \begin{array}{l} i = 88^{\circ} \ 25' \ 12'' \\ \Omega = 151 \ 1 \ 6 \\ \omega = 40 \ 38 \ 53 \end{array} \right\} 1896.0$$

$$q = 1.139897$$

$$(O-C) \Delta \lambda \cos \beta = -0''.7; \Delta \beta = +3''.7.$$

STUDENTS' Observatory, University of }
California, September 14, 1896. }

* The ephemeris, at one-day intervals from September 12 to September 24, is omitted here.

† The ephemeris, with four-day intervals from September 14 to September 26, is omitted here.