A plot of the observations is given in Fig. 1, the circles with dark centres representing the Lick observations when $-5\cdot0$ km. has been added to each of them.   The grouped velocities are shown with the curve from the final elements in Fig. 2.

The final values of the elements, then, with their probable errors are the following.

$$P = 1\cdot73652 \text{ days}$$
$$e = \cdot121 \pm \cdot041$$
$$\omega = 135°\cdot56 \pm 23°\cdot35$$
$$K = 12\cdot10 \text{ km.} \pm \cdot46 \text{ km.}$$
$$\gamma = -12\cdot65 \text{ km.} \pm \cdot36 \text{ km.}$$
$$A = 11\cdot05 \text{ km.}$$
$$B = 13\cdot15 \text{ km.}$$
$$T = \text{J. D. } 2,420,793\cdot821 \pm \cdot105$$
$$a \sin i = 286,800 \text{ km.}$$

Dominion Observatory,
    Ottawa,
        November, 1915.