

NORMAL EQUATIONS

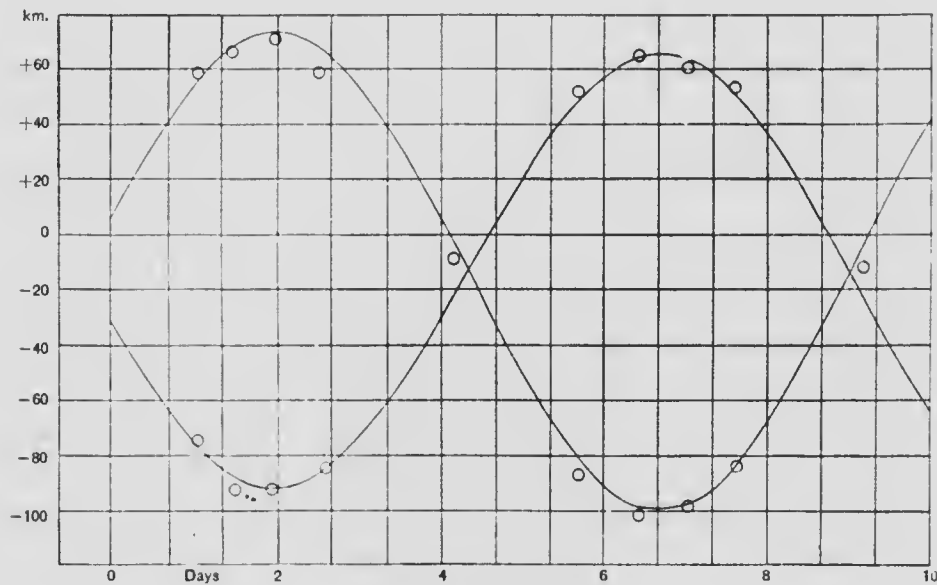
$$\begin{array}{rcccccc}
 3.300x & -0.153y & +0.054y_1 & -0.005z & -0.031u & -3.675=0 \\
 & 1.412y & 0.000y_1 & +0.146z & +0.028u & -1.420=0 \\
 & & 0.972y_1 & +0.099z & +0.040u & +0.725=0 \\
 & & & 0.991z & +0.026u & +2.695=0 \\
 & & & & 0.617u & +2.676=0
 \end{array}$$

Small corrections were thus obtained; the corrected or final values being given in the table above. The probable error of a plate is for the primary ± 4.8 km. per sec., and for the secondary ± 6.9 km. per sec. All plates were measured twice, the second measurement being made several months after the first, the means of the two measures for the various lines are given in the detailed measures.

Dominion Observatory

Ottawa

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Velocity Curves of Boss 5173