

systematic difference of velocity for different elements is present in the Ottawa plates. The frequently opposite signs of the mean residuals at Ottawa and Mt. Wilson from the same lines, (those found at the latter place to give systematically higher or lower velocities) would point to the conclusion that the deviations previously found might have been either accidental, or more probably personal and due to the character of the lines.

It gives us much pleasure to record here our appreciation of the interest the Director, Dr. W. F. King, has taken in this work, of the help he has afforded, and of his willingness to meet the many needs in the matter of apparatus arising in the course of the work.

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