

Since "factoring" is eminently a *practical* part of Algebra it is perhaps better not to burden the working of each case with the exemplification of the theory but to treat all as in § 6.

§ 8. This form of the theory suggests that instead of transforming quadratic equations from  $ax^2 + bx + c = 0$  to  $x^2 + \frac{b}{a}x + \frac{c}{a} = 0$ , it is better to change to  $(ax)^2 + b(ax) + ac = 0$ . We thus avoid fractions and introduce early the important notion of "change of variable."

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**Against a Current Pseudo-Definition of Varying Velocity.**

By Mr R. F. MUIRHEAD

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