The polynomials $Z_{ik}A^{\mu}$ are transformed by the adjoint of $\varphi$, and according to the theorem of Schur mentioned above, a matrix which transforms a system of linearly dependent polynomials which are not all zero is reducible. Hence if the $Z_{ik}A^{\mu}$ were linearly dependent, the matrix $\varphi$ would be reducible, contrary to our assumption.

5. *Conclusion.* We have proved the following theorem:

THEOREM. *If $G_1, \cdots, G_h$ are a system of polynomials in the $a_{ij}$, and $G_1', \cdots, G_h'$ the same functions of the $a_{ij}'$ such that*

$$(G_1, \cdots, G_h) = (0, \cdots, 0)$$

*is an invariantive property, then there exists a set of rational integral relative covariants $V_1, \cdots, V_v$ in $p-1$ sets of cogredient variables such that $(V_1, \cdots, V_v) = (0, \cdots, 0)$ when and only when $(G_1, \cdots, G_h) = (0, \cdots, 0)$.*

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## A CORRECTION

BY B. A. BERNSTEIN

In my paper in the November number of this BULLETIN (vol. 28, No. 8), the word *integers* should be replaced by the word *rationals* in line 16 of page 398 and in the table on page 399.