1026-01-40   **Paul R. Wolfson*** (`pwolfson@wcupa.edu`), Department of Mathematics, West Chester
University, West Chester, PA 19383. *Topology Visits Algebraic Invariant Theory.* Preliminary
report.

Although mathematicians were constructing topological invariants before the turn of the twentieth century, it seems that the classical theory of algebraic invariants was not applied to the study of topology for about half a century. Then, as ideas about characteristic classes became deeper and more general, their relation to the structure group of the bundle led to a reprise of some classical invariant theory. (Received January 24, 2007)