**Hilbert, D.**  
*Lie groups: history, frontiers and applications. Vol. VIII. Hilbert’s invariant theory papers. Translated by M. Ackerman. Comments by R. Hermann.* (English) Zbl 0405.22001  

For a scan of this review see the web version.

**MSC:**

22–02 Research exposition (monographs, survey articles) pertaining to topological groups  
22–03 History of topological groups  
20G20 Linear algebraic groups over the reals, the complexes, the quaternions  
20Exx Structure and classification of infinite or finite groups

**Keywords:**  
Hilbert’s Invariant Theory Papers; Invariant Theory; Binary Forms; Homogeneous Polynomial Functions; Bilinear Differential Operators