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**Vasile Lauric\*** (lauric@wju.edu), Wheeling Jesuit University, 316 Washington Ave., Wheeling, WV 26003, and **Carl M. Percy**, Department of Mathematics, Texas A&M University, College Station, TX 77843. *Trace-class commutators with trace zero.*

In this note we obtain some sufficient conditions that a trace-class commutator have trace zero, and we use these results together with two theorems of Voiculescu to establish some structure theorems for hyponormal-like operators and to give short proofs of theorems of G. Weiss and Helton-Howe. (Received September 25, 2000)