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Joseph Kirtland* (joe.kirtland@marist.edu), Department of Mathematics, Marist College,
3399 North Road, Poughkeepsie, NY 12601. *The Schur-Zassenhaus Theorem: Its Origin,
Development, and Extension.*

The Schur-Zassenhaus Theorem states that if N is a normal subgroup of a finite group G such that $([G : N], |N|) = 1$, then G splits over N and all of its complements are conjugate in G . This talk will present the origin and development of this result and discuss some of its extensions. (Received August 29, 2018)