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WITT OVERGROUPS FOR UNIPOTENT ELEMENTS IN EXCEPTIONAL ALGEBRAIC GROUPS OF BAD CHARACTERISTIC

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Abstract. Let G be a simple exceptional algebraic group defined over an algebraically closed field of bad characteristic. The decompositions as a product of Witt groups of the connected component of the double centralizer $Z(C_G(u))^\circ$ for unipotent elements u is given up to isogeny. For type G_2, F_4 and E_6 minimal dimensional connected overgroups for unipotent elements are constructed in G whenever $u \in C_G(u)^\circ$.

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