Group Algebras with Minimal Strong Lie Derived Length

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Abstract. Let $KG$ be a non-commutative strongly Lie solvable group algebra of a group $G$ over a field $K$ of positive characteristic $p$. In this note we state necessary and sufficient conditions so that the strong Lie derived length of $KG$ assumes its minimal value, namely $\lceil \log_2 (p + 1) \rceil$. 

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