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Michael Anthony Rosas* (marosas@buffalo.edu). *On the structure of Specht modules in the principal block of $F\Sigma_{3p}$.*

We discuss the Loewy structures of Specht modules in the principal block of $F\Sigma_{3p}$, where F is a field of characteristic $p \geq 5$. An upper bound on the Loewy lengths is given, and a condition is provided so that a Specht module attains the maximum possible Loewy length. This condition allows one to describe the Loewy structures of certain Specht modules from the Ext^1 -quiver for the principal block of $F\Sigma_{3p}$. (Received September 15, 2014)