

R-Parity Violating Decays of Chargino and Neutralino LSPs in the B-L MSSM

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The R-parity violating decays of Wino Chargino and Bino Neutralino LSPs are analyzed within the context of the B-L MSSM. These LSPs correspond to statistically determined soft supersymmetry breaking parameters which, when renormalization group evolved to lower energy, lead to an effective theory satisfying all phenomenological requirements. The explicit RPV decay channels of these LSPs to standard model particles, the analytic and numerical decay rates and the associated branching ratios are presented.

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