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Flavor mixed sleptons and its consequences at 1-loop level

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We present a specific flavor symmetry structure in the MSSM in the trilinear soft terms at a SUSY breaking scale, exploring the consequences of it in flavor violation processes for the charged leptonic sector. Specifically we calculate at 1-loop level $BR(\tau \rightarrow \mu\gamma)$ and $BR(h^0 \rightarrow \tau\mu)$ in connection with possible solutions of anomalous magnetic moment of the muon problem. Considering non-universality in sleptons mass and states we obtained an enlarged parameter space with respect to constrained MSSM.

Content of the contribution

Both

Authors: Dr MONDRAGON, Myriam (IFUNAM); Dr FLORES BAEZ, Francisco (FCFM, UANL); Mr ESPINOSA CASTAÑEDA, Rafael (ITESM); Dr GOMEZ BOCK, Melina (Universidad de las Américas Puebla)

Presenter: Dr GOMEZ BOCK, Melina (Universidad de las Américas Puebla)

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