

A Split UED vector-like fourth generation contribution to the Higgs physics

We investigate the vector-like fourth generation coming from Split-UED to the contribution of the Higgs physics. We calculate the cross section from one-loop induced $gg \rightarrow H$ process, and the branching ratio from $H \rightarrow gg$ and $H \rightarrow \gamma\gamma$ processes. The work now is still in progress.

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