

## The triple Higgs coupling impact to $h \rightarrow ZZ^* \rightarrow Zll$ decay at one loop level.

### Abstract content

This work presents the sensibility of  $h \rightarrow ZZ^* \rightarrow Zll$  decay with respect to triple Higgs coupling, these effects are presented at one loop level. The behavior of this coupling is so relevant for know the Higgs boson properties and testing the higgs potencial. Addition to present the Standard Model results, we present some possibilities beyond SM.

### Summary

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