

CP-PROPERTIES OF A HIGGS BOSON
IN THE $\Phi \rightarrow WW/ZZ \rightarrow 4$ FERMIONS
PROCESSES IN THE TRANSVERSITY BASIS

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S u m m a r y

We examine the *CP*-violating effects and *T*-odd correlations for the most general ΦVV ($V = W^\pm, Z$) couplings through a study of the polarization effects in the processes $\Phi \rightarrow WW/ZZ \rightarrow 4$ fermions in the transversity basis. We have shown that, in order to measure the Higgs boson parity, it is convenient to use the distribution of the process $\Phi \rightarrow ZZ \rightarrow (e^-e^+) (\mu^-\mu^+)$ over the azimuthal angle in the transversity basis.