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Probing the $U(1)_{B-L}$ model through the process $e^+e^- \rightarrow \nu\bar{\nu}\gamma$

We probe the $U(1)_{B-L}$ model via the process $e^+e^- \rightarrow \nu\bar{\nu}\gamma$. We also analyzed the effects of extra gauge boson Z' in the cross section at high energy linear e^+e^- collider and high luminosity; namely, International Linear Collider (ILC) and Compact Linear Collider (CLIC).

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