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Recent Belle II results on radiative and electroweak penguin decays

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Decays of B mesons that proceed through radiative penguin amplitudes probe a large class of generic non-SM models for which Belle II has unique reach. We present recent results from an inclusive $b \rightarrow s\gamma$ analysis and a $B \rightarrow \rho\gamma$ analysis. In addition, we report results on $b \rightarrow s\ell^+\ell^-$ decays of B mesons, which proceed through electroweak penguin amplitudes and offer multiple probes of non-SM physics.

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