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Measurement of the branching fraction and CP asymmetry of $B^0 \rightarrow \pi^0\pi^0$ decays

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We report branching fraction and CP asymmetry measurements of the $B^0 \rightarrow \pi^0\pi^0$ decay mode at Belle II using a data sample corresponding to $198 \times 10^6 B\bar{B}$ pairs. This is comparable sensitivity with 1/4th of the Belle dataset.

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