

# Cubic Interaction Vertices and One-loop Self-energy in the Stable String Bit Model

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# Outline

# Review: Stable String Bit Model

- ▶ String bit operators
- ▶ Large  $N$  and Hamiltonian
- ▶ Solution in large  $N$  limit

# Cubic Interaction Vertices

# One-loop Self-energy

# Numerical Results

# Conclusion

Thank you!