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Enhancement of charge and spin Seebeck effect in triple quantum dots coupling to ferromagnetic and superconducting electrodes

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## Highlights

- The gap suppresses the thermal conductance and enhances the thermopower, and improves thermoelectric efficiency in F-TQD-S system.
- The interdot tunneling splitting scheme provides a way of controlling charge figure of merit by external magnetic field.
- The interdot tunneling coupling greatly enhances charge figure of merit in F-TQD-S system compared to F-QD-S system.
- The spin polarization of electrode and interdot tunneling splitting can improve spin thermopower and spin figure of merit.

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