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Spectrum bounds for the scattering number, integrity, tenacity of regular graphs

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#### ACCEPTED MANUSCRIPT

## Research Highlights

- 1. The scattering number, integrity, tenacity are the better parameters to measure the stability of a network.
- 2. we present some new bounds for the scattering number, integrity, tenacity of regular graphs in terms of the spectrum.
- 3. The proof methods used in this paper comes from theoretical ones from algebraic graph theory.

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