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Spectral signatures of breaking of ensemble equivalence

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Citation

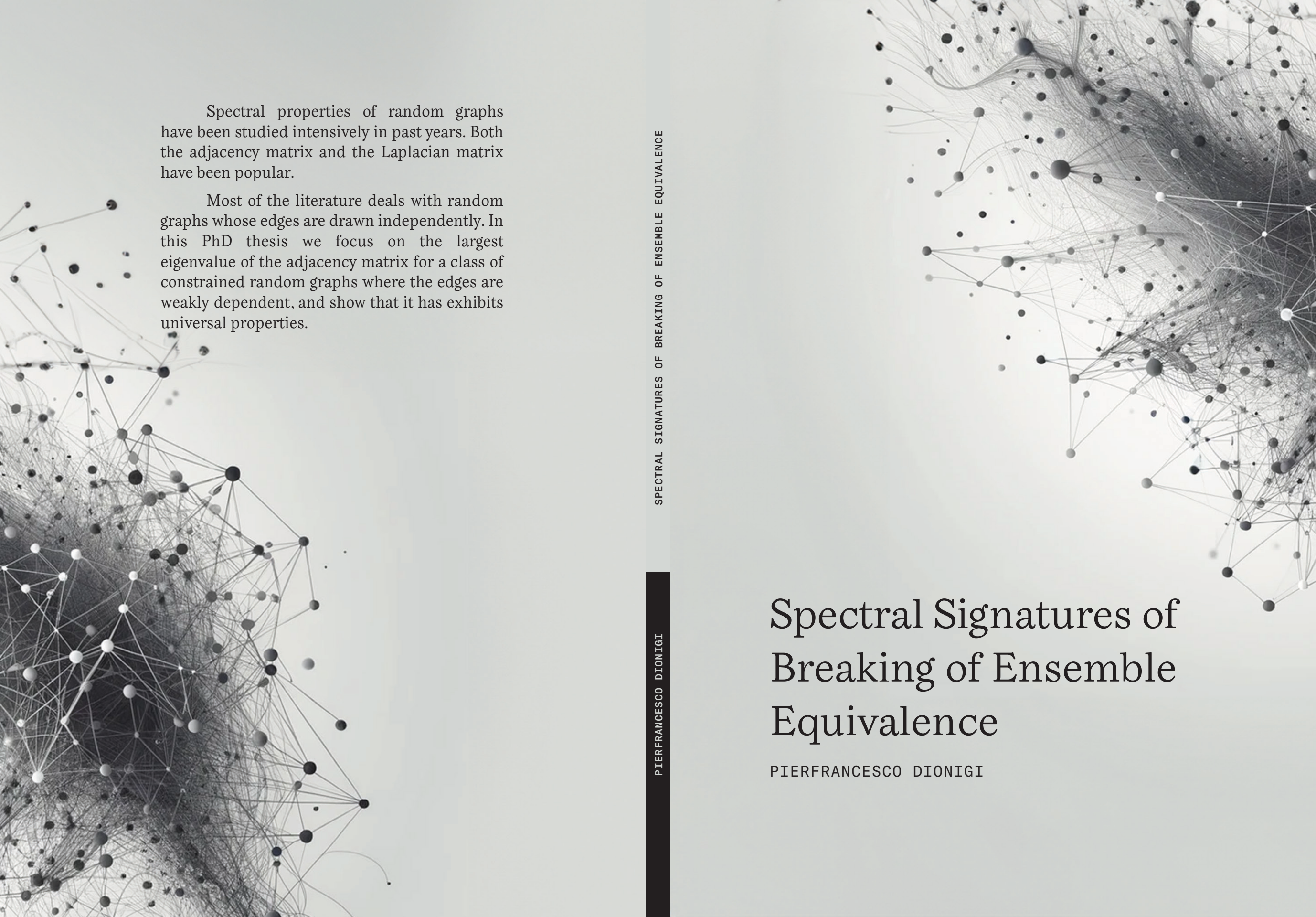
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The background of the entire page is a complex, abstract network graph. It consists of numerous nodes, represented by small circles of varying sizes and shades of gray, interconnected by a dense web of thin, light gray lines. The graph is more concentrated on the left and right sides of the page, with a lighter, less dense area in the center where the text is located.

Spectral properties of random graphs have been studied intensively in past years. Both the adjacency matrix and the Laplacian matrix have been popular.

Most of the literature deals with random graphs whose edges are drawn independently. In this PhD thesis we focus on the largest eigenvalue of the adjacency matrix for a class of constrained random graphs where the edges are weakly dependent, and show that it has exhibits universal properties.

PIERFRANCESCO DIONIGI

SPECTRAL SIGNATURES OF BREAKING OF ENSEMBLE EQUIVALENCE

Spectral Signatures of Breaking of Ensemble Equivalence

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