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Spectral signatures of breaking of ensemble equivalence

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Citation

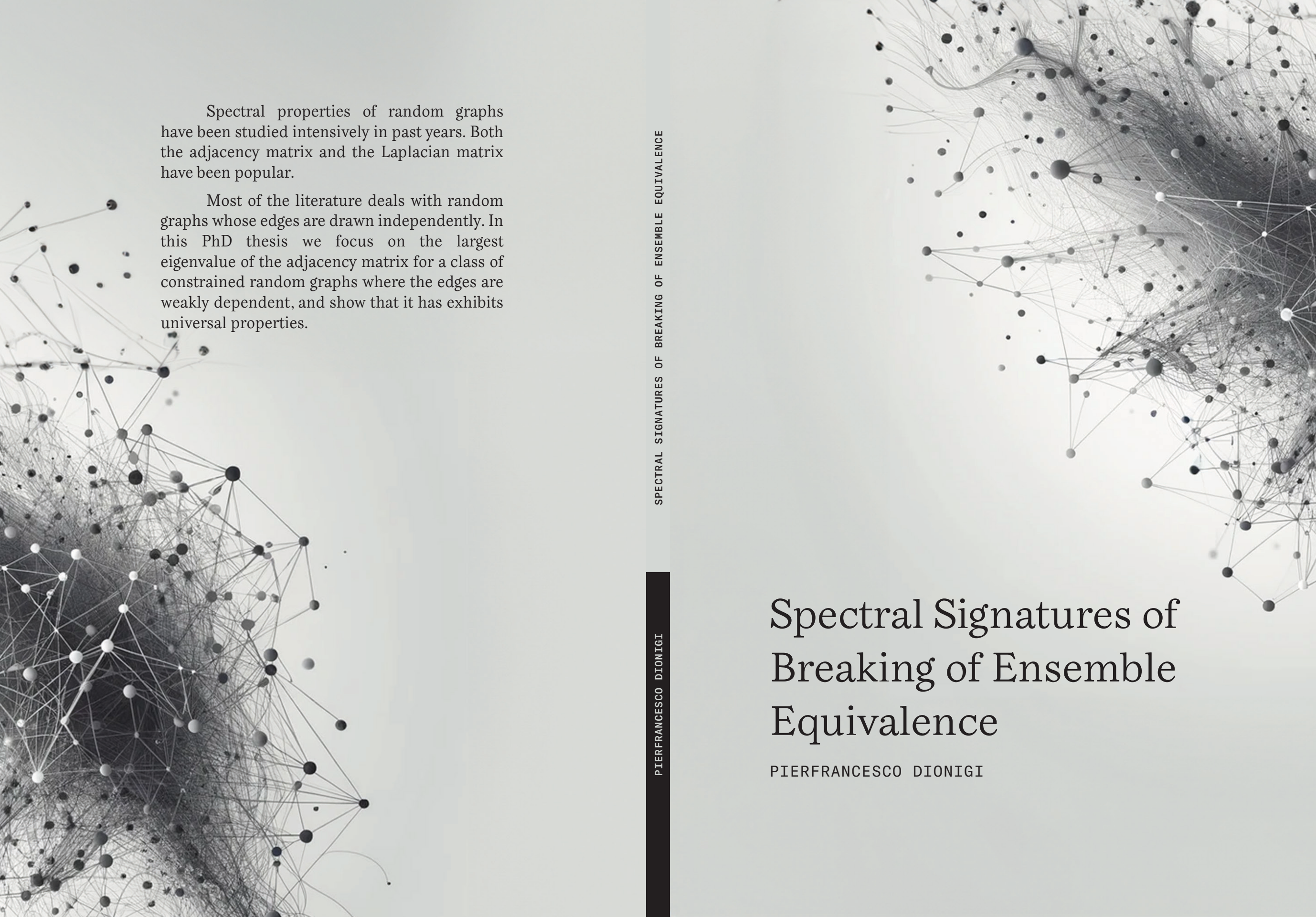
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The background of the entire page is a complex, abstract network graph. It consists of numerous nodes, represented by small circles of varying sizes and shades of gray, interconnected by a dense web of thin, light-colored lines. The nodes are scattered across the page, with a higher concentration in the lower-left and upper-right corners, creating a sense of depth and connectivity. The overall aesthetic is technical and mathematical.

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.

SPECTRAL SIGNATURES OF BREAKING OF ENSEMBLE EQUIVALENCE

PIERFRANCESCO DIONIGI

Spectral Signatures of Breaking of Ensemble Equivalence

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