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Jie Han*, 5 Lippitt Road, Kingston, RI 02881. *Spanning subgraphs in randomly perturbed graphs and hypergraphs.*

Recently there has been a growing interest in the study of the randomly perturbed graphs and hypergraphs. The model starts with a dense graph (or hypergraph), and then adds a certain number of random edges. We will present some recent progress on this problem. (Received January 20, 2019)