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Hamilton Cycles in Random Graphs.

We will survey some of what is known about Hamilton cycles in the context of various classes of random and pseudo-random graphs, digraphs and hypergraphs. This will cover questions such as (i) when is a random graph likely to have a Hamilton cycle, (ii) how many will it have, (iii) how many edge disjoint Hamilton cycles can we pack and (iv) who will win in certain related combinatorial games. (Received August 10, 2010)