Exposé court

63 ***Realizable sequences***

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First, I shall give a quick overview, for considering sequences of non-negative integers arising from counting points of n period under a map $T\colon X \to X$, where X is a non-empty set, and introducing the dynamical zeta function, which produces such sequences in an appropriate setting. Then, I give a definition of a realizable sequence a_n which actually means that it is a non-negative integer sequence and a_n is also equal to the number of points of n period under some map $T\colon X \to X$, and X is a non-empty set for any natural number n. Constructing some nicely realizable sequences is described after that. Lastly, I will be focusing on the paper entitled "Time-changes preserving zeta function", joint work with Patrick Moss and Tom Ward.