Growth rate of the Reidemeister numbers and topological entropy

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This is joint work with Mateusz Slomiany

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We study the asymptotic behavior of the Reidemeister numbers of iterates of an endomorphism of a group. We find a connection between the asymptotic Reidemeister number and the topological entropy. We also study the growth rate of the total dimensions of symplectic Floer homologies of iterates of the symplectomorphism of a surface.