Abstract. We consider analytic cocycles of $d \times d$ matrices. Such cocycles appear, for instance, for the transfer matrices of a quasiperiodic Schrödinger operator on a strip.

We prove joint continuity (depending on frequency and the analytic function of $d \times d$ matrices) of all Lyapunov exponents at irrational frequencies. Moreover, the so-called accelerations (previously defined for $SL(2, C)$ cocycles by A. Avila) are also quantized at irrational frequencies. As a consequence, we obtain that the set of dominated cocycles is dense within the set of cocycles where one has at least 2 different Lyapunov exponents.

Joint work with A. Avila and S. Jitomirskaya