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*Semiclassical asymptotics of  $GL_N(\mathbb{C})$  tensor products*

It has been known since seminal work of Biane that the asymptotic behaviour of irreducible representations of the complex general linear group in coupled semiclassical/large-dimension limits is governed by additive free convolution. Biane's original work on this connection required superlinear decay of the semiclassical parameter as a function of  $N$ . More recently, Bufetov and Gorin conjectured that linear decay is sufficient. I will present recent work with Collins and Sniady in which we prove an unconditional result: semiclassical limits of tensor products are governed by free probability irrespective of the decay rate of the semiclassical parameter.