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Moduli of bundles and degenerations of curves.

A good picture of the degeneration of moduli of bundles, corresponding to a degeneration of a smooth curve to a nodal curve would involve on one hand a good holomorphic family of moduli, and on the other, and in parallel, a compatible degeneration of the moduli of representations of the fundamental group of the surface, following Narasimhan and Seshadri. We present an approach to this problem. (joint with I. Biswas)