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## Quantum moduli algebras at roots of unity

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We prove that the graph algebra and the quantum moduli algebra associated to a punctured sphere and complex semisimple Lie algebra  $\mathfrak g$  are Noetherian rings and finitely generated rings over mc(q). Moreover, we show that these two properties still hold on  $mc[q,q^{-1}]$  for the integral version of the graph algebra. We also study the specializations  $Ll_{0,n}^e$  of the graph algebra at a root of unity e of odd order, and show that  $Ll_{0,n}^e$  and its invariant algebra under the quantum group  $U_{e(\mathfrak g)}$  have classical fraction algebras which are central simple algebras of PI degree that we compute.

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