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Milagros Izquierdo* (miizq@mai.liu.se), Department of Mathematics, Linköpings universitet, SE-58183 Linköping, Sweden, and **Antonio F. Costa** and **Gabriel Bartolini**. *On the connectedness of the branch locus of the moduli space of Riemann Surfaces I.*

We revisited the equiparametric stratification described by Broughton (1990). We use this stratification to show that, for a infinite number of genus the branch locus contains isolated strata of dimension 1, generalizing a result of Kulkarni (1991) for isolated points. This is a joint work with Gabriel Bartolini and Antonio F. Costa (Received August 21, 2009)