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David J Pinchbeck* (dpinchbe@sjcme.edu), 278 White's Bridge Rd., Standish, ME 04084. *The Schwarzian Operator on Fuchsian Connections.*

We describe an operator associating a Schwarzian projective connection to a Fuchsian connection for a holomorphic vector bundle on a Riemann Surface. This operator can be used to determine Riemann-Hilbert families of Schwarzian equations on the surface. (Received September 07, 2007)