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Michael S. Jolly* (msjolly@indiana.edu), **Vincent R. Martinez**, **Tural Sadigov** and
Edriss S. Titi. *A determining form for the SQG equation*. Preliminary report.

The dynamics of the surface quasigeostrophic equation is embedded in that of an ordinary differential equation in a Banach space of trajectories. This is done by a mapping generated by a feedback control term involving the lowest Fourier modes. (Received August 11, 2015)