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Dale Frymark* (dale_frymark@baylor.edu), **Constanze Liaw** and **Alexei Poltoratski**.

Iterated Rank-One Perturbations.

We iteratively apply rank-one perturbations to a self-adjoint operator via its spectral representation. We remain in control of the expected value for the total Poisson mass of the resulting operators' absolutely continuous part. Applications of the method are shown for Anderson-type Hamiltonians. (Received September 11, 2015)