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Alexei Oblomkov* (oblomkov@ias.edu), Fuld Hall, rm 412, IAS, Einstein Drive, Princeton, NJ 08540. *Deformed Harish-Chandra homomorphism for the cyclic quiver*. Preliminary report.

In the case of cyclic quiver we prove that the deformed Harish-Chandra map whose existence was conjectured by Etingof and Ginzburg is well defined. As an application we prove Kirillov-type formula for the cyclotomic Bessel function. (Received September 19, 2005)