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Boris Tsygan* (b-tsygan@northwestern.edu), 2033 Sheridan Rd, Evanston, IL 60201. *An extension of the Fedosov construction.* Preliminary report.

I will present an extension of the Fedosov construction of deformation quantization of symplectic manifolds. Recall that the Fedosov connection makes the space of differential forms with coefficients in the Weyl bundle a differential graded algebra. We enlarge this differential graded algebra in such a way that the category of differential graded modules over the new algebra becomes related to other categories defined from a symplectic manifold. (Received August 04, 2015)