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Alexander Karabegov* (axk02d@acu.edu), 215 Foster Science Building, ACU Box 28012,
Abilene, TX 79699. *Graph-theoretic formulas of star products on Kaehler manifolds.*

We will discuss explicit graph-theoretic formulas of star products on Kähler manifolds recently obtained by Niels Gammelgaard, Hao Xu, and the author. We will outline an alternative proof of Gammelgaard's formula for a star product with separation of variables on a Kähler manifold and its generalization to deformation quantization of the endomorphism bundle of a Hermitian vector bundle on a Kähler manifold. (Received January 26, 2014)