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Shmuel Friedland (friedlan@uic.edu) and **Li Wang*** (liwang8@uic.edu). *Geometric measure of entanglement of symmetric d-qubits is polynomial-time computable.*

We give a simple formula for finding the spectral norm of d-mode symmetric tensor in two variables over the complex or real numbers in terms of the complex or real roots of a corresponding polynomial in one complex variable. This result implies that the geometric measure of entanglement of symmetric d-qubits is polynomial-time computable. (Received September 12, 2016)