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Metric and Spectral Geometric Means of Positive
Definite Matrices

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Via ZOOM

ABSTRACT
We will give a brief history of metric geometric mean and spectral geometric mean of two nxn positive definite matrices P(n). Log majorization is involved and geometry plays an important role. Then we will discuss their generalizations in the context of symmetric space associated with a noncompact semisimple Lie group. This is a joint work with Roy Liu and Elaine Gan.