

## Converting planar orthogonality to orthogonality on a contour

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**Abstract:** We look at a model related to the spherical ensemble, by introducing two points on the sphere that repel particles. The corresponding average characteristic polynomial satisfies a Hermitian orthogonality on the complex plane. We show how to convert this planar orthogonality to non-Hermitian orthogonality with respect to a weight on a collection of contours. *Joint work with Juan Criado del Rey and Arno Kuijlaars.*