## VIRTUAL EAST-WEST SCV SEMINAR

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## WEIGHTED ESTIMATES FOR THE BERGMAN PROJECTION

Using methods of dyadic harmonic analysis we show how it is possible to obtain weighted estimates of the Bergman projection on  $L^p(w)$ . We will discuss this idea in several different cases, such as the unit ball, the Hartogs triangle, matrix weight settings and for more general pseudoconvex domains.