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## EQUIVARIANT KODAIRA EMBEDDING FOR CR MANIFOLDS WITH CIRCLE ACTION

*lundi 11 décembre 2017 15:00 (50 minutes)*

### Summary

In this talk we will discuss some results about the embedding of CR manifolds with circle action endowed with a positive CR line bundle. We prove that a certain weighted Fourier-Szego kernel of CR sections admits an asymptotic expansion and as a consequence we establish an equivariant Kodaira embedding theorem. This is based on a joint work with C.-Y. Hsiao and X. Li.

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