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Compact manifolds with nonnegative quadratic orthogonal bisectional curvature

In this talk I will discuss nonnegatively curved compact Kahler manifolds and their classification. An overview of past results will be given in the cases of bisectional and orthogonal bisectional curvature. The more recent case of quadratic orthogonal bisectional curvature will then be discussed along with recent results. The talk is based on joint work with L.F. Tam.