

**”Singular Integrals and weights: recent results”**

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It is well known that the basic operators from Harmonic Analysis like Singular Integrals are bounded on weighted spaces where the weight satisfy an appropriate  $A_p$  condition. In recent years there has been a growing interest in understanding the precise dependence of the operator norm in terms of the  $A_p$  constant. In this talk we plan to discuss some new progress and methods in this area.