

## Abstract

The famous Corona Theorem proved by L.Carleson (1962) answers affirmatively a question raised by S. Kakatani (1957) as to whether the open unit disc in the complex plane is dense in the maximal ideal space of the Banach algebra of bounded analytic functions. As a by-product of L. Carleson's work, the Carleson measure was invented which itself is a very useful tool in modern function theory. In this talk, I will mention the corona theorem and the Wolff theorem for the multiplier algebra  $M(Q_k)$ .