

**Kohur Gowrisankaran: Multiply superharmonic functions:  
a consequence of Bocher theorem.**

**Abstract:** We use the well known Bocher theorem characterizing functions harmonic defined on the complement of a point to characterize all positive extreme multiply superharmonic functions on the product of Open sets of  $\mathbb{R}^n$  (for  $n \geq 2$ ) with a Green function. The result is extended to functions on Product of Brelot spaces with harmonic dimension 1.