عنوان مقاله:

An equivalent representation for weighted supremum norm on the upper half-plane

نویسنده:

Department of Mathematics, Faculty of Science, University of Kurdistan, Pasdaran Ave., Postal Code: ۶۶۱۷۷-۱۷۵ - - - Sanandaj, Iran.

خلاصه مقاله:

In this paper, firstly, we obtain some inequalities which estimates complex polynomials on the circles. Then, we use these estimates and a Moebius transformation to obtain the dual of this estimates for the lines in upper half-plane. Finally, for an increasing weight v on the upper half-plane with certain properties and holomorphic functions f on the upper half-plane we obtain an equivalent representation for weighted supremum norm.

کلمات کلیدی:

weighted spaces, holomorphic functions, de-la-Valle Poussion kernel, upper half-plane

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