TOEPLITZ OPERATORS ON POLY–ANALYTIC SPACES VIA TIME–SCALE ANALYSIS

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Abstract. This is a review paper based on the series of our papers devoted to a structure of true-poly-analytic Bergman function spaces over the upper half-plane in the complex plane and to a detailed study of properties of Toeplitz operators with separate symbols acting on them via time-scale analysis approach.


Keywords and phrases: Wavelet, poly-analytic function, Toeplitz operator, operator algebra, Bergman space.

REFERENCES