

Cyclicity in Poletsky-Stessin Weighted Bergman Spaces

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Here we use Poletsky-Stessin definition of Weighted Bergman Spaces on Hyperconvex domains and extend the definition to more general indices to possibly resemble Dirichlet-type spaces there. Our aim is to study the cyclicity phenomenon with respect to shift operator on these spaces and we will give a sufficient condition for non-cyclicity there.