

W. Hengartner and G. Opfer, **Complex Haar spaces generated by shifts applied to a single function**, *Approximation theory*, X (St. Louis, MO) (2001), 223–238.

**Abstract**

Some of the known Haar spaces are generated by shifts of a single function  $G$ . There are examples of two types. In one case the spaces generated are real spaces defined on compact intervals, in the other case the generated spaces are also Haar spaces on compact subsets of the complex plane  $\mathbb{C}$ . Under the assumption that  $G$  is analytic we are able to characterize those functions  $G$  which generate Haar spaces in the plane  $\mathbb{C}$ .