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Gerardo R. Chacon* (gerardo.chacon@gallaudet.edu) and **Gerardo A Chacon**
(gerardoachg@uan.edu.co). *Variable exponent function spaces.*

Variable exponent spaces are a generalization of Lebesgue spaces in which the exponent is a measurable function. Most of the research done in this topic has been situated under the context of real functions. In this work, we present two examples of variable exponent spaces of analytic functions: variable exponent Hardy spaces and variable exponent Bergman spaces. We will introduce the spaces together with some basic properties and the main techniques used in the context. We will show that in both cases, the boundedness of the evaluation functionals plays a key role in the theory. We also present a section of possible directions of research in this topic. (Received April 28, 2020)