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Mihaela B Vajiac* (mbvajiac@chapman.edu), Chapman University, Keck 365, One University Drive, Orange, CA 92866. *Moduli on Multicomplex Spaces.*

Multicomplex analysis describes the theory of holomorphic functions on spaces generated by n commuting complex units. In this context we extend some notions of moduli from the space of bicomplex numbers to the space of multicomplex numbers. We use this approach towards meaningful theory of Riemannian and semi-Riemannian geometries on such spaces. (Received August 28, 2018)