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Christopher Caruvana* (chcaru@iu.edu) and **Robert R. Kallman**. *Compatibility of Polish Topologies with Rings of Meromorphic Functions.*

For certain rings of meromorphic functions, we discuss the Polish topologies for which the ring operations are continuous, i.e., the Polish topologies that are compatible with the ring operations. In most cases of interest, we will show that the number of compatible topologies is at most one, though, in ZFC, there are many for the complex plane. We end with some open questions. (Received September 20, 2021)