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Konstantinos A. Beros* (berosk@miamioh.edu) and **Achilles A. Beros**
(beros@math.hawaii.edu). *Canonical immunity and genericity.*

The most common concepts of immunity (e.g., immunity, hyperimmunity, etc) are associated with the topological idea of Cohen genericity. That is, a real which is contained in enough open dense subsets of the Cantor space (with the usual topology) exhibits various immunity properties.

In the context of Schnorr randomness, author A. Beros (along with Bjoern Kjos-Hanssen and Mushfeq Khan) described a form of immunity (known as canonical immunity) which seemed more closely related to formalizations of randomness than to those of genericity. I will discuss how A. Beros and I showed that canonical immunity is in fact closely related to a concept of genericity – in this case, however, Matthias genericity rather than Cohen genericity. I will provide relevant background, definitions and sketch the ideas behind our proofs. (Received January 28, 2019)