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*Algebro-topological invariants of co-existentially closed continua*

We will discuss the Čech cohomology and pro-fundamental groups of compact Hausdorff spaces  $X$  for which the  $C^*$ -algebra  $C(X)$  of continuous functions on  $X$  is an existentially closed model of the theory of continua. This is joint work with C. Eagle and V. Marin-Marquez.