

ABSTRACT. In this paper a new tool, the cozero maps, is introduced to study algebraic structures in pointfree topology, which generalizes cozero elements and the cozero part of a frame. The slim regular algebraic cozero maps are represented. We proved that they are  $cl$  or  $sl$  up to isomorphism and, if  $c : M \rightarrow L$  is a slim regular algebraic cozero map, then  $M$  is archimedean and  $L$  is algebraic completely regular.

Also, with the help of cozero maps, we introduce the notion of cozero transformation and, using this concept, we obtain a general theorem which contains, as particular cases, both Gelfand and Katutani pointfree dualities.