

Cozero Complemented frames

MACK MATLABYANA

University of Limpopo, Turfloop SA, Private BagX1106, Sovenga, 0727

e-mail: marck.matlabyana@ul.ac.za

ABSTRACT: A frame L is said to be *cozero complemented* if for every $u \in \text{Coz } L$, there is a $v \in \text{Coz } L$ such that $u \wedge v = 0$ and $u \vee v$ is dense. In this seminar (talk) we show that cozero complemented frames are preserved and reflected by dense $z^\#$ -quotient maps. Furthermore we introduce the notion of locally cozero complemented frames and show that locally cozero complemented paracompact frame is cozero complemented.