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Brad Bailey* (bbailey@ngcsu.edu), 66 Nimblecrest Way, Dahlonega, GA 30533. *Covering Properties Extending Several Special Base Properties.*

In this talk we define (n, κ) -metacompact, $(< \omega, \kappa)$ -metacompact (for infinite cardinal κ), OIF-metacompact and δ -OIF-metacompact. Each of these covering properties extends a known base property, and we show that for Moore spaces, the base property is often equivalent to the covering property. We show that for GO spaces, $(< \omega, \kappa)$ -metacompact implies $(1, \kappa^+)$ -metacompact. Furthermore, we demonstrate that the above is true for all spaces under the axiom known as CECA. (Received September 14, 2007)