1006-37-131 **Sonja Štimac*** (`sonja@math.hr`), Graduate School of Economics and Business, University of Zagreb, Kennedyev trg 6, 10000 Zagreb, Croatia. *Topological classification of inverse limit spaces of tent maps with finite critical orbit.*

In recent years there has been intensive research of topological properties of inverse limit spaces K_s of tent maps T_s with classification of these spaces as ultimate goal. By use of symbolic dynamics we were able to classify the spaces for tent maps with finite critical orbit. More precisely, we prove the following result: For $s, t \in (1, 2]$, $s \neq t$, if T_s and T_t are tent maps with finite critical orbits, then K_s and K_t are not homeomorphic. (Received February 11, 2005)