1073-54-31 **Alan Dow** (adow@uncc.edu), Department of Mathematics and Statistics, University of North Carolina at Charlotte, Charlotte, NC 28223, and **Jerry E Vaughan*** (j_vaugha@uncg.edu), Department of Mathematics and Statistics, University of North Carolina at Greensboro, Greensboro, NC 27412. *Ordinal remainders of ψ-spaces on ω.*

Let ω denote the set of natural numbers, and $\mathfrak{t}$ the tower number. We prove: For every ordinal $\lambda < \mathfrak{t}^+$, there exists $\mathcal{M} \subset [\omega]^\omega$, an infinite maximal almost disjoint family of infinite subsets of the natural numbers (MADF), such that the Stone-Čech remainder, $\beta\psi \setminus \psi$, of the ψ-space, $\psi = \psi(\omega, \mathcal{M})$, is homeomorphic to $\lambda + 1$ with the order topology. This generalizes a result credited to S. Mrówka by J. Terasawa which states that there is MADF $\mathcal{M}$ such that $\beta\psi \setminus \psi$ is homeomorphic to $\omega_1 + 1$. We construct our MADF from an ascending mod-finite ordered chain of infinite subsets of ω, ordered by almost inclusion. (Received July 11, 2011)