

**Tsarpalias, A.****A note on the Ramsey property.** (English) [Zbl 0953.03058](#)  
Proc. Am. Math. Soc. 127, No. 2, 583-587 (1999).

The author presents an elementary proof of Silver's theorem [*J. Silver*, *J. Symb. Log.* 35, 60-64 (1970; [Zbl 0216.01304](#))] saying that every analytic subset of the space  $[\mathbb{N}]$  of infinite subsets of  $\mathbb{N}$  with pointwise convergence topology is completely Ramsey. The main tool used in the reviewed paper is the closure  $\widehat{X}$  of a set  $X \subseteq [\mathbb{N}]$  in Ellentuck's topology. Actually  $X \subseteq \widehat{X} \subseteq \overline{X}$  and, as the author proves,  $\widehat{X}$  is completely Ramsey for any  $X \subseteq [\mathbb{N}]$ .

Reviewer: [Lev Bukovský \(Košice\)](#)**MSC:**[03E05](#) Other combinatorial set theory  
[03E15](#) Descriptive set theory[Cited in 6 Documents](#)**Keywords:**[Ramsey property](#); [analytic set](#); [Ellentuck topology](#)**Full Text:** [DOI](#)