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Covering properties in countable products, II

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Abstract: In this paper, we discuss covering properties in countable products of Čech-scattered spaces and prove the following: (1) If Y is a perfect subparacompact space and $\{X_n : n \in \omega\}$ is a countable collection of subparacompact Čech-scattered spaces, then the product $Y \times \prod_{n \in \omega} X_n$ is subparacompact and (2) If $\{X_n : n \in \omega\}$ is a countable collection of metacompact Čech-scattered spaces, then the product $\prod_{n \in \omega} X_n$ is metacompact.

Keywords: countable product, C-scattered, Čech-scattered, subparacompact, metacompact

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