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Note on countable unions of Corson countably compact spaces

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Abstract: We show that a compact space K has a dense set of G_δ points if it can be covered by countably many Corson countably compact spaces. If these Corson countably compact spaces may be chosen to be dense in K , then K is even Corson.

Keywords: Corson countably compact space, G_δ point, Corson compact space, Valdivia compact space

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