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Coronas of ultrametric spaces

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Abstract: We show that, under CH, the corona of a countable ultrametric space is homeomorphic to ω^* . As a corollary, we get the same statements for the Higson's corona of a proper ultrametric space and the space of ends of a countable locally finite group.

Keywords: Stone-Čech compactification, ultrametric space, corona, Higson's corona, space of ends

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