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Property D and pseudonormality in first countable spaces

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Abstract: In answer to a question of M. Reed, E. van Douwen and M. Wage [vDW79] constructed an example of a Moore space which had property D but was not pseudonormal. Their construction used the Martin's Axiom type principle $P(c)$. We show that there is no such space in the usual Cohen model of the failure of CH.

Keywords: property D, pseudonormal, first countable, Cohen model

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