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Title. An example of Kobayashi hyperbolic Model domain in \mathbb{C}^3 with nonempty core.

Abstract. We construct a pseudoconvex domain of the form $\Omega = \{(z, w) \in \mathbb{C}^3 : v > F(z)\}$, where $w = u + iv$, and F is a smooth plurisubharmonic function on \mathbb{C}^2 , such that Ω is Kobayashi hyperbolic, but has a nonempty core.