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Illuminating constant width bodies

Recently, Arman, Bondarenko, and Prymak constructed a constant width body in \mathbb{R}^n whose illumination number is exponential in n . In this talk, I will show how to improve their bound by generalizing the construction. In particular, I will explain how to find a constant width body in \mathbb{R}^n whose illumination number is at least $(1.047 + o(1))^n$.