

On Moser's Worm Problem

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What is the smallest blanket that can cover every worm? This lighthearted problem was introduced in 1966 by Leo Moser. To be more precise, Moser asked a question “What is the region of smallest area which will accommodate every planar arc of length one?”. It is still an open problem. In this talk, we will report progress on this problem. It is based on a joint work with Wacharin Wichiramala.