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Families of Perfect Polyiamonds as Formal Languages

Wednesday, 14 February 2024 15:05 (30 minutes)

We study n-polyiamonds with the restriction: Their sides lengths are all numbers between 1 and n in this order. Each polyiamond has a unique encoding in a 6-letter alphabet. We study formal grammars to describe interesting families of such polyiamonds.

Keywords

polyiamond area regex CFG grammar

Acknowledgements

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