

Simply Connected Domino Tatami Covering*

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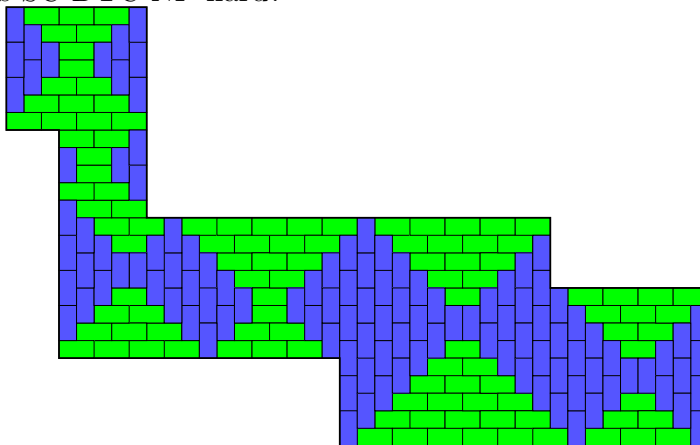
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Problem: Simply Connected Domino Tatami Covering (SC-DTC)

INSTANCE: A simply connected rectilinear region, R , represented as n grid squares.

QUESTION: Can R be covered exactly by non-overlapping dominoes such that no four of them meet at any one point?

Is SC-DTC NP-hard?



*An open problem presented at IWOCA 2013