The Integer-Sequence for the Number of Monomer-Dimer Tilings of an n by n Chessboard Starts With: 1, 7, 131, 10012, 2810694, 2989126727, 11945257052321, 179788343101980135, 10185111919160666118608, 21721387836730941939377 50015, 174382982324016449469438643797 0640, 5270137993816086266962874395450234534887, 599569198242577505086556311074746722844997 36089, Thanks to Zeilberger's Maple Package DOMINO [1]

Shalosh B. EKHAD[2]

[1] `http://www.math.temple.edu/~zeilberg/tokhniot/DOMINO`, [Type: `MonoDimerSequence(13);`]

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http://www.math.temple.edu/~ekhad . Oct. 14, 1997. I wish to thank Steve Finch for raising the question.