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Enumeration of 0/1-matrices avoiding some 2x2 matrices

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(Submitted on 7 Jul 2011 (v1), last revised 28 Dec 2011 (this version, v3))

We enumerate the number of 0/1-matrices avoiding 2x2 submatrices satisfying certain conditions. We also provide corresponding exponential generating functions.

Comments: 14 pages, 3 figures; Some references and related works are

added in v3

Subjects: **Combinatorics (math.CO)**

MSC classes: 05A15, 05A19, 05B20 arXiv:1107.1299 [math.CO] Cite as:

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Submission history

From: Seunghyun Seo [view email] [v1] Thu, 7 Jul 2011 05:28:32 GMT (17kb) [v2] Fri, 18 Nov 2011 10:55:37 GMT (19kb) [v3] Wed, 28 Dec 2011 06:39:21 GMT (19kb)

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