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1867-9

(16)

7/16/70

Neil:

I found the table for $K(n)$, the number of reduced 3-line Latin rectangles and enclose a copy.

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The new J.C.T. (for July) just came and brought to attention the two-color necklaces, enumerated by

$$\frac{1}{n} \sum_{d|n} \phi(d) 2^{n/d} = N_n(2)$$

n	1	2	3	4	5	6	7	8	9	10	11	12	13	14
$N_n(2)$	2	3	4	6	8	14	20	36	60	108	188	352	632	1182

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Of course $N_n(k) = \frac{1}{n} \sum_{d|n} \phi(d) k^{n/d}$ could also be tabulated

with $N_0(k) = 1$ by convention, this could be added to your table

/R.