



Errata: Heuristic method to determine lucky k -polynomials for k -colorable graphs

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1 Errata note

In [1] titled, *Heuristic method to determine lucky k -polynomials for k -colorable graphs*, regrettable errors occurred in Table 1 on page 210. The errors relate to the coefficients of the lucky 3-polynomials of the null graphs for $n = 7$ and 8, respectively. The corrected table is depicted below.

n	$\mathfrak{N}_n, [7]$	P_n	C_n
3	$\lambda(\lambda - 1)(\lambda - 2)$	$\lambda(\lambda - 1)(\lambda - 2)$	$\lambda(\lambda - 1)(\lambda - 2)$
4	$6\lambda(\lambda - 1)(\lambda - 2)$	$3\lambda(\lambda - 1)(\lambda - 2)$	$2\lambda(\lambda - 1)(\lambda - 2)$
5	$15\lambda(\lambda - 1)(\lambda - 2)$	$6\lambda(\lambda - 1)(\lambda - 2)$	$5\lambda(\lambda - 1)(\lambda - 2)$
6	$15\lambda(\lambda - 1)(\lambda - 2)$	$5\lambda(\lambda - 1)(\lambda - 2)$	$4\lambda(\lambda - 1)(\lambda - 2)$
7	$105\lambda(\lambda - 1)(\lambda - 2)$	$16\lambda(\lambda - 1)(\lambda - 2)$	$13\lambda(\lambda - 1)(\lambda - 2)$
8	$280\lambda(\lambda - 1)(\lambda - 2)$	$41\lambda(\lambda - 1)(\lambda - 2)$	$34\lambda(\lambda - 1)(\lambda - 2)$

References

- [1] J. Kok, [Heuristic method to determine lucky \$k\$ -polynomials for \$k\$ -colorable graphs](#), *Acta Univ. Sapientiae, Informatica* **11**, 2 (2019), 205–213. [⇒158](#)

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