

ERRATA

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- page 40, line 15. The intent of the parenthetical comment was to write the summation as

$$\sum_{g(4) \geq g(6)} \sum_{g(6) \geq g(3)} \dots \sum_{g(5) \geq 0} q^{g(4) + \dots + g(5)}.$$

We are actually first summing on $g(5) \geq 0$, then $g(1) \geq g(5)$, etc.

- page 65, line 7. Change proposition to Proposition.
- page 88, line 13-. Change v_{ij} to v_{1j} .
- page 120, Exercise 94, second bullet. Change “Then” to “The”.
- page 121, Exercise 96(c), line 3. Change 4.4.1.1 to 4.1.1.
- page 123, Exercise 116(b), line 2. Change distribuiton to distribution.
- page 140, Exercise 198(b), last displayed equation. Change (q^{2m-1}) to $(q^{2m-1} - 1)$ (twice).
- page 166, Exercise 91(d), line 4. Replace this line with

$$1 + \sum_{n \geq 1} (-1)^n (x^{-n} - x^{n+1}) q^{n(n+1)/2}.$$

- page 171, line 4. The index entries for these four names is missing.
- page 173, Exercise 134, line 2. Change the period after Petersen to a comma.
- page 181, Exercise 164, line 1. Change $x = 0$ to $y = 0$.
- page 190, Exercise 1.190(b), line 3. Replace this line with

$$\omega^*(n, q) = q^n - q^m - q^{m-1} - q^{m-2} - \dots - q^{\lfloor n/3 \rfloor} + O(q^{\lfloor n/3 \rfloor - 1}).$$

- page 379, Exercise 115(c), line 1. Change “0,1” to 0. (There are $\binom{n}{2}$ hyperplanes.)
- page 379, Exercise 116. The subscripts should not be in boldface.
- page 407, Exercise 205(b), line 2. Change 44605 to 44606 (private communication from Patrick Byrnes, 21 February 2012). Byrnes originally assumed that a vertex v could be covered by at most one singleton (element covering only v), but there is exactly one example up to rank 9 where this property need not hold. Byrnes also computes that there are 29,199,636 1-differential posets up to rank 10.
- page 449, Exercise 163(a), line 3. Change $2e_P(p-1) - (p-1)e(p)$ to $(2e_P(p-1) - (p-1)e(P))/p!$.
- page 469, line 6-. Change $\sum_{n \geq 0} f(n)$ to $\sum_{n \geq 0} f(n)x^n$.
- page 539, Exercise 47, line 1-. Change 1.1.8.6 to 1.8.6.
- page 558, line 1. Delete comma after *Wochenschrift*.
- page 558, Exercise 43. The sequence $t(3), t(4), \dots$ is known as *Alcuin's sequence*, after Alcuin of York (730s or 740s – 19 May 804). For a survey see D. J. Bindner and M. Erickson, *Amer. Math. Monthly* **119** (2012), 115–121.
- page 564, Exercise 58(f), line 1. Change “order polynomials” to “Ehrhart polynomials”.