ERRATA
for Algebraic Combinatorics, Springer, 2013

(30 March 2015)

• page 8, Exercise 5, line 3. Change $G$ to $H_n$.

• page 13, line 4. Change the first $=$ to $\neq$.

• page 14, first line after (2.4). Change “$(u,v)$-entry of the matrix $\Phi_\Delta$” with “$(u,v)$-entry (short for $(f_u,f_v)$-entry) of the matrix $[\Phi_\Delta]$”.

• page 16, line 5. Change $(-1)^{u+w}$ with $(-1)^{w-u}$.

• page 18, Exercise 2(a). Assume that $k \leq n/2$.

• page 23, line 2–. $\mu(w,v)$ is the same as $\mu_{wv}$ (the number of edges between $u$ and $v$). Also on page 24, equation (3.5) and line 8–.

• page 25, line 2. Change the last $B^{m-1}$ to $B^{m+1}$.

• page 26, line 3. The claim that $0 \leq \sigma_i \leq 1$ is not true. We need to work with the row sums, not the column sums. Essentially, the argument works with $N_i$ replaced by the transpose $N_i^t$.

• page 26, line 4. Change $VN_l U$ with $VN_l^t U$.

• page 29, Exercise 8, line 2. Change $n^2$ to $(n-1)^2$.

• page 29, line 3–. Change $H(u,v)$ to $H_k(u,v)$.

• page 32, line 3–. Change “We call $P_i$ the $i$th level” to “We call $P_j$ the $j$th level”. (While this does not affect the meaning, it’s obviously better to keep the notation consistent.)

• page 71, line 11–. Change “Exercise 5” to “Exercise 6.5”.

• page 83, line 7. Add “or cycle enumerator” after “cycle index polynomial” (since the term “cycle enumerator” is used later in the text).

• page 87, line 10–. Change “is a line” to “in a line”.

• page 93, line 14–. Change $\frac{1}{4}$ to $\frac{1}{8}$. 
• page 95, line 12. Change $\sum_{i=0}^{i(i-1)}$ to $\sum_{i=0}^{12}$.

• page 109, line 10–. Change $n - i + 1$ to $i - n - 1$.

• page 110, line 6. Change “from $\emptyset$ to $w$” to “from $\emptyset$ to $\lambda$”.

• page 116, line 14–. Change $\sum_{m_k \geq 1} \to \sum_{m_k \geq 0}$.

• page 116, line 2–. Change “most $r$” to “most $s$”.

• page 129, line 3–. Although the meaning is clear, for consistency of notation one should change 1 to $I$.

• page 140, line 9–. Change $f_j$ to $f_i$.

• page 142, line 7–. Change $p \cdot \det(L_0)$ to $-p \cdot \det(L_0)$.

• page 144, lines 9 and 10. Change $T_2$ to $T_1$ (twice).

• page 145, line 5–. Change “rooted” to “planted”.

• page 146, figure at top of page. The figure is missing six planted forests at the top level, viz., the six planted forests with one endpoint. There are $3!t(3) = 18$ maximal chains in all.

• page 146, line 10. Change “one” to “zero”.

• page 151, line 13–. Change “Definition 8.5” to “Definition 9.5”.

• page 153, line 2. While this line is correct as it stands, it would be logically better to replace “init($e(u)$) = $u$” with “init($e_j$) = $u$”.

• page 156, Example 10.8, line 3. Change $a_{2m}$ to $a_{2n}$.

• page 163, line 3–. Insert “to” before “do”.

• page 164, line 1. Change “Suppose that $C$” to “Suppose that a circuit $C$”.

• page 171, line 11–. Change “real matrix” to “real”.

• page 172, line 7. Change $C^*_{T_1}$ to $C_{T_1}$. 
• page 174, line 1–. Change $C_T$ to $B_T$.

• page 184, Exercise 5, line 2. Change “there in” to “there is”.

• page 189, line 1. It should be stated before this sentence that the number of prisoners is $2n$.

• page 191, line 4 above Section 2.4. Change $X$ to $S$.

• page 194, line 16. Change “rows of $A$” to “rows of $A + I$”.

• page 197, line 1–. It is assumed that $R \neq 0$ means $R \neq \{0\}$.

• page 199, first displayed equation. Change $\sum$ to $\prod$.

• page 202, line 3. Remove the first $]$.

• page 206, Exercise 25(b), line 2. Change $p_m(x)$ to $p_d(x)$.

• page 207, Exercise 28(c). It should be assumed that the rational function $F(x_1, \ldots, x_m)$ has a power series expansion $\sum_{i_1, \ldots, i_m \geq 0} c_{i_1, \ldots, i_m} x_1^{i_1} \cdots x_m^{i_m}$, that is, the formal product of the denominator of $F(x_1, \ldots, x_m)$ with the series equals the numerator of $F(x_1, \ldots, x_m)$.