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Erratum

Volume **43**, Number 1 (1986), in the article "Symmetries of Plane Partitions," by Richard P. Stanley, pages 103–113: F. Brenti has pointed out that parts (b) and (c) of Theorem 3.4, page 111, are stated incorrectly. Rather than permuting the coordinates so that in the box $B(r', s', t')$ we have $t' = 2t$, it is instead necessary that $r' + t'$ be even. We define $d = \frac{1}{2}(r' + t')$ and $w(\pi) = x_1^{m_1} x_2^{m_2} \cdots x_d^{m_d}$ as before. Theorem 3.4 then becomes

3.4. THEOREM. *Let $r' + t'$ be even and set $d = \frac{1}{2}(r' + t')$. Define*

$$F(r', s', t'; x) = F(r', s', t'; x_1, ..., x_d) = \sum_{\pi} w(\pi),$$

where π ranges over all self-complementary plane partitions contained in the box $B(r', s', t')$. Then:

(a) $F(2r, 2s, 2t; x) = s_\alpha(x_1, ..., x_d)^2$, *where* $\alpha = \langle s^r \rangle$.

(b) $F(2r, 2s + 1, 2t; x) = s_\alpha(x_1, ..., x_d)\, s_\beta(x_1, ..., x_d)$, *where* $\alpha = \langle s^r \rangle$, $\beta = \langle (s+1)^r \rangle$.

(c) $F(2r + 1, 2s, 2t + 1; x) = s_\alpha(x_1, ..., x_d)\, s_\gamma(x_1, ..., x_d)$, *where* $\alpha = \langle s^r \rangle$, $\gamma = \langle s^{r+1} \rangle$.

The proofs of (b) and (c) are now exactly analogous to the proof given for (a), and Eqs. (3a)–(3c) remain valid (though coordinates are now written in an order different from that of Theorem 3.4).