

## ERRATA :

### ON GALOIS THEORY OF SIMPLE RINGS

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- Page 102, line 18. For " $\mathfrak{G}(H'/H' \cap R)$ " read " $\mathfrak{G}(H'/H' \cap R')$ ".
- Page 106, line 6. The proof contains a gap. This gap is filled in "On quasi-Galois extensions of division rings", J. Fac. Sci. Hokkaido Univ., Ser. I, 17 (1963), 73—78.
- Page 108, line 6. For " $g = \sum_{m_2+1}^{m_1+1} g_{p'q'}^{(1)}$ " read " $g = \sum_{m_2+1}^{m_1+1} g_{p'p'}^{(1)}$ ".
- Page 113, line 29. For " $D(T_i, T/S)$ " read " $D(T_i, R/S)$ ".
- Page 114, lines 19—21. For "By Theorem 4.6,  $\dots V_R(T_1 \cap T_2) = V_R(T_1) + V_R(T_2)$ " read "Now, let  $S_i$  ( $i=1, 2$ ) be simple intermediate rings of  $T_i/S$  such that  $[S_i : S]_i < \infty$  and  $V_R(S_i) = V_R(T_i)$ , and let  $N$  be a shade of  $S_1[S_2]$  (Theorem 2.4). Then, by Theorem 4.6,  $\delta' | N = \delta_a | N$  and  $\delta'' | N = \delta_b | N$  with some  $a \in V_R(S_1) = V_R(T_1)$  and  $b \in V_R(S_2) = V_R(T_2)$ . We obtain therefore  $c = a + b + z$  for some  $z \in V_R(N) \subseteq V_R(S_1[S_2]) = V_R(T_1) \cap V_R(T_2)$ , which proves that  $V_R(T_1 \cap T_2) = V_R(T_1) + V_R(T_2)$ ".