Correction to "On a piecewise linear link isotopy group"

By Kazuaki KOBAYASHI

Page 82: 10. Replace "$B \supset L$" with "$B \subset L$".

Page 84: We correct the statement of LEMMA 2 as follows.

"LEMMA 2. *Let* $B_i = (D_i^n, \bigcup_{j=1}^{\mu} D_{ij}^k)$, $i=1, 2$ *be trivial braids such that* $B_1 \cap B_2 = \partial B_1 \cap \partial B_2 = (D_3^{n-1}, \bigcup_{j=1}^{\mu} D_{3j}^{k-1})$ *is a trivial* $(n-1, k-1, \mu)$*-braid. Then* $B_1 \cup B_2$ *is equivalent to* B_2 *by homeomorphism* H: $D_1^n \cup D_2^n \to D_2^n$ *such that* $H(D_{1j}^k \cup D_{2j}^k) = D_{2j}^k$, $j=1, 2, \cdots, \mu$ *and* $H|\partial D_2^n - Int\, D_3^{n-1} = identity$."

Page 85: 15. Replace "(N_j, D_j^k) is an unknotted ball pair for $j=1, 2, \cdots, \mu$" with "(N, D_j^k), $j=1, 2, \cdots, \mu$ are all unknotted ball pairs."

Page 88: 10. Replace "LEMMA 2" with "LEMMA 1".

Page 88: 27. Replace "LEMMA 2" with "LEMMA 4".

Page 90: 6. After $\overline{S^n - S^{n-1}} = D_+^n \cup D_-^n$, we put the following sentences. "Let l_i, $i=1, 2$ be strong (n, k, μ)-link types with representative $L_i = (S^n, \bigcup_{j=1}^{\mu} S_{ij}^k)$. We may suppose that $\bigcup_{j=1}^{\mu} S_{1j}^k \subset \mathrm{Int}\, D_+^n$ and $\bigcup_{j=1}^{\mu} S_{2j}^k \subset \mathrm{Int}\, D_-^n$".

Page 92: 29 & 30. Replace "$L(n, k, \mu)$" with "$\mathscr{L}(n, k, \mu)$".

Page 93: We correct LEMMA 15 as follows. "LEMMA 15. *Let l be an strong (n, k, μ)-link type, $n-k \geqq 3$. If l is link cobordant to zeros, l is link homotopic to zero.*

PROOF. If $l \sim 0$, $l=0$ by [10, Th. 7]. Hence $l \overset{h}{\sim} 0$."

Page 94: 17 & 18. Replace "$H(n, k, \mu)$" with "$\mathscr{H}(n, k, \mu)$".

Page 94: 18, 19, 23, 27 & 33. Replace "$L(n, k, \mu)$" with "$\mathscr{L}(n, k, \mu)$".

Page 95: 3. Replace "the closure of the complement X of $\bigcup_{j\neq 1}^{\mu} S_j^k$ in S^n (i.e. $X = \overline{S^n - \bigcup_{j=1}^{\mu} S_j^k}$)" with "the complement X of $\bigcup_{j=1}^{\mu} S_k^k$ in S^n (i.e. $X = S^n - \bigcup_{j=1}^{\mu} S_j^k$)".

Page 95: LEMMA 16. Replace "$i \leqq n-2$" with "$i \leqq n-3$".

Page 95: 17. Replace "$i \leqq n-2$" with "$i \leqq n-3$".

Page 97: 9. Replace "$p \leqq n-2$" with "$p \leqq n-3$".

Page 95: 19. Replace "$\pi_i(V_{j-1}^{\mu} S_j^{n-k-1})$" with "$\pi_i(V_{j=1}^{\mu} S_j^{n-k-1})$".