## CORRECTIONS TO THE DISC EMBEDDING THEOREM OXFORD UNIVERSITY PRESS

## MARK POWELL AND ARUNIMA RAY

- (1) page 158, fifth line from bottom. Replace A by f.
- (2) page 178, first sentence of Remark 12.8: Replace ' attaching regions" with "tip regions".
- (3) page 181, fourth line of Definition 12.14. Replace " $A_1^i \pitchfork T_j^c$  is a single point in the bottom stage of  $T_j^c$  when i = j" with " $A_1^i \pitchfork T_j^c$  is a single disc fibre of the bottom stage of  $T_j^c$  (so that the spines of  $A_1^i$  and the bottom stage of  $T_j^c$  intersect at a single point) when i = j".
- (4) page 218, start of Section 15.2.1. Replace "Consider a tubular neighbourhood of  $\gamma$  intersecting A and B in small discs about p and p'. Cut out these discs from  $A \cup B$  and glue on the rest of the boundary of the neighbourhood of  $\gamma$  to  $\Sigma \cup \Sigma'$ " with: "Consider a tubular neighbourhood of  $\gamma$  intersecting  $\Sigma$  and  $\Sigma'$  in small discs about p and p'. Cut out these discs from  $\Sigma \cup \Sigma'$  and glue on the rest of the boundary of the neighbourhood of  $\gamma$  to  $\Sigma \cup \Sigma'$ " minus these discs."
- (5) page 281, third line from top. The phrase "and virtually polycyclic groups" may be deleted, since (virtually) polycyclic groups are also (virtually) solvable.
- (6) page 314, end of Section 21.4.8. Add the following sentences and the corresponding citation: "We record here that there is an error in the proof of [FQ, Lemma 9.3B] as observed by Venema in [Ven97]. That lemma was used by Freedman and Quinn to show that certain local homotopy properties imply that a given 2-dimensional subset of a 4-manifold is locally flat. Venema gives an improved statement, bypassing the lemma, in [Ven97]."
- (7) page 322, ninth line from bottom. Change citation to [BL78, Theorem 1.4].
- (8) page 325, tenth line from bottom. Change +2 to -2.
- (9) page 359, last line of Definition 23.6. Replace  $\pi_1(f)$  by  $\pi_1(f')$ .
- (10) page 378, first displayed equation. Remove the errant = sign.
- (11) page 464. Add reference [New66] M. H. A. Newman. The engulfing theorem for topological manifolds. Ann. of Math. (2), 84:555–571, 1966.
- (12) Back cover, list of editors: Add accents, Boldizsar Kalmar  $\rightarrow$  Boldizsár Kalmár.

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## References

[Ven97] Gerard A. Venema. Local homotopy properties of topological embeddings in codimension two. In Geometric topology (Athens, GA, 1993), volume 2.1 of AMS/IP Stud. Adv. Math., pages 388–405. Amer. Math. Soc., Providence, RI, 1997.

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