

# Corrections for A Course in Formal Languages, Automata and Groups, by Ian Chiswell

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- p.43, Lines 4,5: there is a conflict of notation as  $L, R$  are symbols used in transitions. One solution would be to call these machines *Left* and *Right*. These machines also appear on p.56, in Step 1. It might also be a good idea to change the symbols  $L$  and  $R$  in the definition of Turing machine, as  $L$  is frequently used to denote a language, although this should not cause confusion.
- p.49, Line 9 (displayed formula): “ $\chi_{pA}$ ” should be “ $\chi_{pA}(x)$ ”
- p.93, Line 10 from bottom: the equaliser is  $\{a \in G \mid f(a) = g(a)\}$ .
- p.120: the line before Figure 5.6 should end at “the diagram” and the rest of the sentence should appear after Figure 5.6.
- p.147: in the solution to 6, it should be  $G = (\{A, B, S\}, \{0, 1\}, P, S)$ .

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