Corrections for Logical Foundations of Proof Complexity Stephen Cook and Phuong Nguyen ASL Perspectives in Logic Series Cambridge University Press, 2010.

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- page 2 paragraph 2 line 7: 'prime' should be 'a prime power'
- page 68, third last line in the proof of Theorem III.4.4: $\exists \vec{y} \text{ should be } \exists \vec{z}.$
- page 69 line 2 of Exercise III.4.7: y should not be an argument B_f .
- page 172, five lines above Exercise VII.2.10: (m+1) should be (r+1), and in the next line the first m should be r.
- page 185 Lemma VII.4.10: For $i \ge 1$ there is a polynomial size G_i^* derivation
- page 191 line -9: delete the first occurrence of Y.
- page 273 line 5: for some \mathcal{L}^2_A term t = t(|X|) and
- page 273: formula (219) should be

 $\exists Y \leq \langle t, b \rangle \forall i < b \left(|Y^{[i]}| \leq t(|X^{[i]}|) \land \delta_F(X^{[i]}, Y^{[i]}) \right)$

- page 274, line 3 of Subsection IX.2.2: F* instead of F
- page 274, replace the two sentences preceding (220) by: The following axiom for F^* is strong enough to imply (219).
- page 274: Replace (220) by

$$(Y = F^*(b, X) \land i < b) \supset (|Y| \le \langle t, b \rangle \land (|Y^{[i]}| \le t(|X^{[i]}|) \land \delta'_F(X^{[i]}, Y^{[i]}))$$

• page 404: Corollary X.2.24 (b): Replace 'can be' by 'is contained in the theory' ... (The reverse inclusion is unknown.)