

Comments on
Volume 11(1), Article 42 (June 25, 2004)
“Degree powers in graphs with forbidden subgraphs”
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Comments by the authors, June 29, 2004

We are grateful to the anonymous reader who, three days after the article was published, drew our attention to the following misprints.

1) P. 4. The definition of $g(r, p, n)$ should have $((r - 1)x)^p$ instead of $(rx)^p$.

2) P. 6. The second part of Theorem 4 should be: “For every $\delta > 0$, there is $\varepsilon > 0 \dots$ ”.

3) P. 8. The end of the proof of Theorem 5 should be:

Next, assume that $p > 1$. Since the function $x^p - pxn^{p-1}$ is decreasing for $0 \leq x \leq n$, we find that

$$d_G^p(u) - d_F^p(u) \leq (d_G(u) - d_F(u))pn^{p-1}$$

for every $u \in V(G)$. Summing this inequality for all $u \in V(G)$, we obtain

$$\begin{aligned} f(p, G) &\leq f(p, F) + (d_G(u) - d_F(u))pn^{p-1} = f(p, F) + o(n^{p+1}) \\ &\leq \phi(r, p, n) + o(n^{p+1}), \end{aligned}$$

completing the proof.