Peer J Computer Science

Comments from Editor

SymPy: Symbolic computing in Python (revised)

1. In section 2.3, lines 128–129, it is written

   > For instance, the identity $\sqrt{t^2} = t$ holds if t is nonnegative ($t \geq 0$). However, for general complex t, no such identity holds.

   The first sentence doesn't make sense unless $\sqrt{\cdot}$ is defined; obviously it is intended to yield the nonnegative square root. The second sentence is incorrect, so needs rewording or deleting. For complex t it is true that $\sqrt{t^2} = t$ holds if t lies in the right half-plane, assuming $\sqrt{\cdot}$ is defined to be the square root lying in the right half-plane.

2. Page 7, line 186: please state in the text whether this is typed as two lower case letter o's, as opposed to being some special symbol.

3. Page 10, line 315: replace "solving" by "finding its zeros".

4. Page 18, line 684: replace "is as performant as" by "performs as well as". The former is not correct English.

5. Reference [42]: the title and publisher appear to have run together.

6. Supplement, line 1: delete "for".

7. Supplement, line 18: "dependends" $\rightarrow$ "depends".