Review of: "Impossibilities, mathematics, and logic"

Andrew Powell[1]

1 Imperial College London

I note that the author has incorporated some suggestions following my earlier review. The paper is a well written, short expository article on disproof in mathematics for a general audience. It is not a research paper. I have not changed my score for that reason, but I hope the author is able to educate others on the power of disproof. I will add that some mathematicians do not believe that proof by contradiction is as powerful as disproof by counterexample, since if you were to show that "for all x not Px" is false by contradiction (for x a natural number say), then you have not produced an instance where Px is true. But the views of the constuctivists and the intuitionists are probably not central to the paper.