Generalized Super Mario Bros. is NP-Complete

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ABSTRACT

what do I put here

Categories and Subject Descriptors

C.3.2 [**Complexity Theory**]: Games—*Console Platformers*; C.1.1 [**Coloring**]: Crayouns—*Horses, Boats, Extrasolar Objects*

General Terms

Super Mario, Horses

Keywords

NP-Complete, Luigi, Paint, Castles

1. INTRODUCTION

The categorization of games by complexity class have been a pastime of bearded men for many age. However many famous 1985 game from Japan have been left in dusts or wayside ; which in a kind of "class discrimination." In this paper I'm show to help up this 1984 game "Super Mario Bros." (which about 1 or 2 bros.? that land in fantasy living) with proof of NP-complete jump man on a brick.

1.0.0.1 *Super Mario Bros..*

This which made by "Nintendo Company" for Family Computer 8 bits Super Mario Bros. is stars two plumb bobs named Luigi with Mario Man. I have put a pic of Mario Man in figure 1.

Because Super Mario Bros. in a 8 bits family computer, its limited screen to 32×32 bricks. For shown it is in complexity class *Not Possible 2 Complete* the first step is Generalized it. We say now that fantasy Land size is $\infty \times \infty$ bricks. This mean that Mario Man can had a very large house!! or a castle

To prove a theory "Generalized Super Mario Bros. is Not Possible 2 Complete" there's two step:

Figure 1: Mario Man can had 000700 points. Mario Man will points by stepping in Goomba or Shell People.

STEP 1. [*complicatedness*] Prove if u can complicate Mario Man then u could solve graph coloring.

STEP 2. [*stereo 8-bit soundness*] Prove if u could color a graph then Mario Man can defeat Bowser King of The Shell People
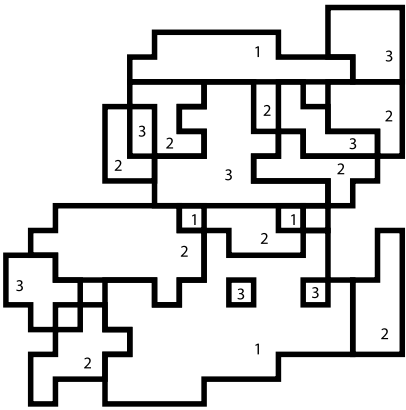

Figure 2: Can your color this graphic ?

2. STEP 1 COMPLICATEDNESS

In general fantasy Land of $\infty \times \infty$ Mario Man has a very large castle which address of `1715 Plummer City` where he live with his Bros. called Luigi. Now let suppose without loss of General fantasy that a graphic (Figure 2) want to be colored

to colored it, mario first needs 2 go to the Paint store `4101 Paint Store Ave. City` to get many colors. But the Family Computer only had 9 or 10 color

so then Mario Man went on a Quest. He is very very hunger from not having enough plumbing jobs , so Mario Man's Quest for Eats and Dollars.
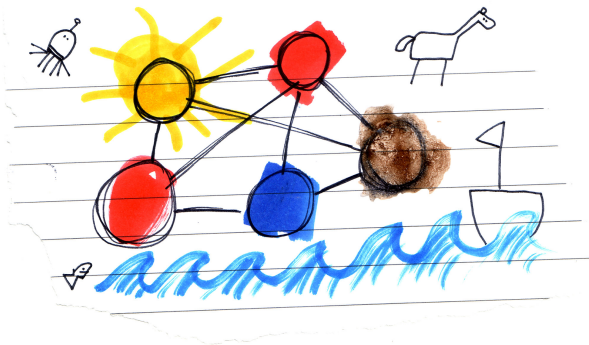
This spells QED so we are done.   □

Figure 3: a color graph; with each dot has a color and some horse and ocean e.c.t.

3. STEP 2 STEREO 8 BIT SOUNDNESS

In the section #2 I shewn that Generalized Super Mario Bros. is *Not Possibly 2 Hard*. Now to shew that *is in Not Polynomial* is the next step. This is easy . We just must have look at the derivation of *Polynomial*: poly-nomial means many names[1] and Mario only have one name not a last name like Mario Smith or Mario Jones and not a first name like J.J. Jingleheimer-Mario Luigi Smith MCXLVII, BA BSc MA MSc MBA D.D.S. Ph.D. JD. thenceforewith he is *in Not Polynomial.*

Actually just in case the SIGBOVIK does not validate this proof because non-constructive e.c.t. I gave another proof: All the paint

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[1] "poly" is Latin for Parrot, i.e. Name of a Parrot. "nominal" means many, like "the paper have a nominal amount of footnotes"

Figure 4: Go For It Mario Man ! If You Get Bowser King of The Shell People In Lava Then Color Graphs !

Mario Man gets at the Paint Store Ave. he could put on a graph to color it: please seen on FIGURE 3. Q.D.E.   □

4. FUTURE JOB

In Job Security Research community they want to leave a minuscule bread crumb problem trail so your can keep funding $$$ coming from United States

agencies   so in this part I put a list of problems from

the future

- when Mario Man jumped on a flag pole why will sky explode?
- why do the Bros. not want to had matching pants
- can Mario Man ride a dino?
- welcome to warp zone

5. ACKNOWLEDGEMENTS

6. REFERENCES

7. REFERENCES

[1] Vargomax V. Vargomax. Generalized Super Mario Bros. is NP-complete. In *Proceedings of the SIGBOVIK Proceedings*, 2007. http://www.com/.