



FIGURE 3: An alternative, algebraic proof of Clough's conjecture.

Viviani's Theorem states that the sum of the lengths of the green lines will be constant irrespective of the position of P.

https://en.wikipedia.org/wiki/Viviani%27s_theorem

Clough's Theorem states that the sum of the lengths of the blue lines will also be constant irrespective of P's position.

<https://ggijro1.files.wordpress.com/2013/12/art44311.pdf>

Question???

Doesn't this imply that the sum of the red lines (the hypotenuse) would also be constant irrespective of the P's placement?

The Internet seems conspicuously empty of any confirmation of this bit of conjecture.