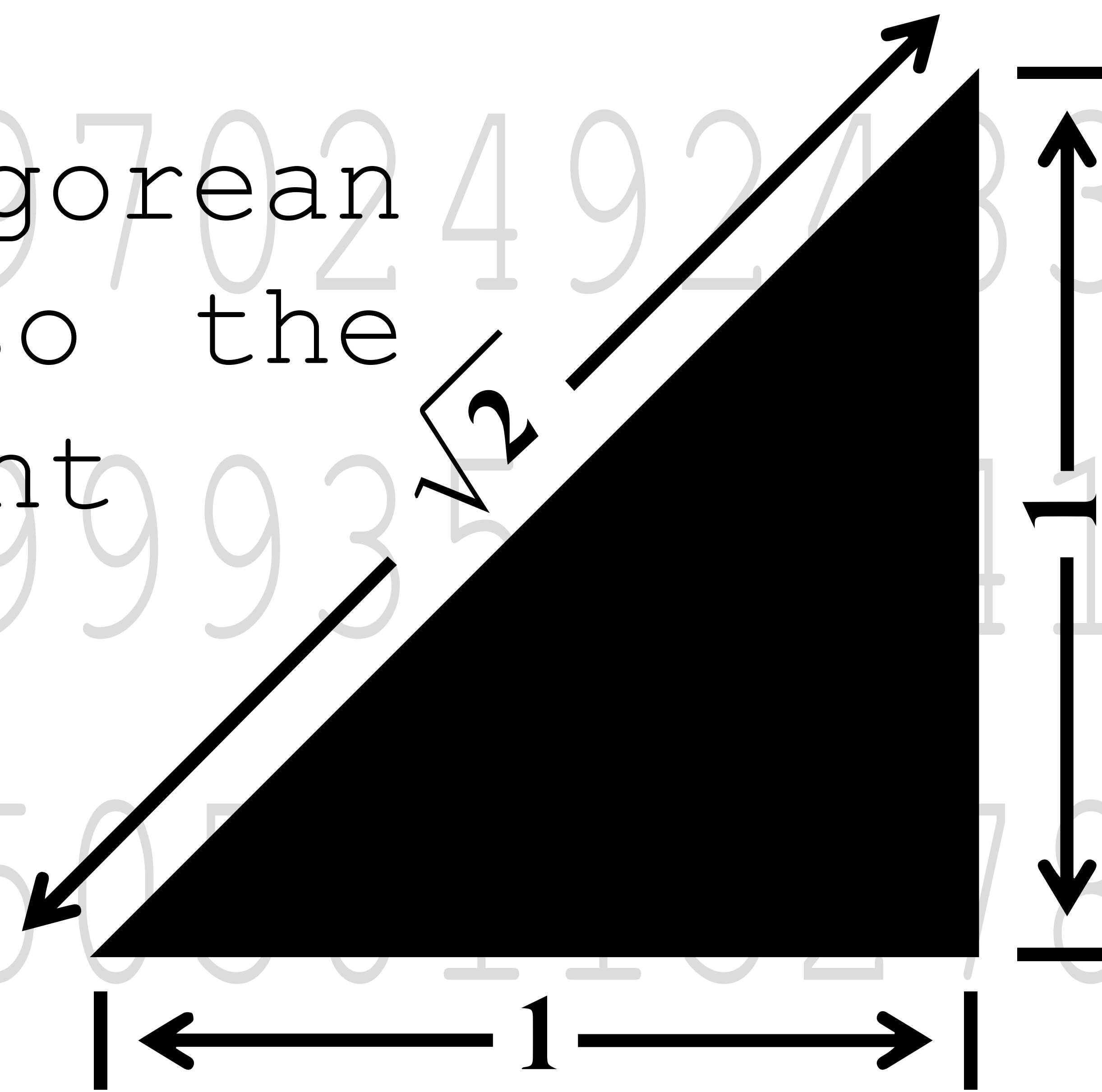


Irrational numbers, like the square root of 2, cannot be accurately expressed symbolically, as the ratio of two numerical values. They can only be expressed spatially.

According to the Pythagorean Theorem, $x^2 + y^2 = z^2$ so the hypotenuse of this right triangle measures the exact value of $\sqrt{2}$.



Is this a case where a digital representation of something is beyond human reach and we are forced to accept an analogue value? If so, is this limitation significant or insignificant?

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