

## Review of: "Relations between e, π and golden ratios"

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This short paper gives several relations among basic math constants. Although these relations look nice and appealing, however nothing is really new and most of these relations are simply identities. Several mistakes and approximations are also unfortunately present.

Although the spelling "octonians" is usually accepted, the correct spelling is "octonions".

In relation (7), it should be said that the p-golden ratios are different for each value of p and tends toward 2 for p tending toward infinity.

The last equality of relation (9) is not correct, i.e., the ratios of successive terms can not be equal to the ratio of the sum of p previous terms to the p-th term.

The last sentence of Section 2 is misleading as the adjective "divine" is actually given to the golden ratio Phi for p=2. References [8. 9] addresses this particular ratio.

The last equality of relation (11) is not correct as Phi(2) is an irrational number. So, the last equal sign should be replaced by an approximate equal sign, or at least three dots should be added after 1.618.

Relation (12) is not correct as it is again an approximation, the difference between the right and the left terms is in the order of 2.478 10<sup>-3</sup>.

Relations (14) and (15) are the same and are identities written differently.

Relations (18) and (19) are again pure identities and do not bring anything new.

In conclusion, this paper presents some relations that appear at first look to be "nice" and appealing, but that are either simple identities or basically incorrect.

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