

Hi,

I am going over the [Zeromorph paper](#) and wanted to ask whether the random verifier challenge x should be non-zero or can be drawn from the entire field as it is done in the paper in the protocol at Section 4?

I don't see a reason why x

has to be non-zero in Zeromorph, but I wanted to double check this because I am comparing with the similar protocol in the [Gemini paper](#), where the challenge β

in Section 5.1 has to be non-zero for an obvious reason.

Cheers!