

Review of: "Reconfigurable Intelligent Surface Constructing 6G Near-field Networks"

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Potential competing interests: No potential competing interests to declare.

As a conceptual paper, it is a very interesting paper, as the basic concepts, forward tendencies, and challenges are well presented. However, the absence of practical RIS examples, even if only with numerical results, makes the paper less attractive. For example, what are the RIS configurations being studied? What are the results obtained with and without the use of RIS? When reading the paper, the reader expects to see some results, but this expectation is not met.

Following are some minor improvement suggestions:

1)The authors claim "In recent years, research on near-field propagation characteristics has received much attention, and research progress is rapidly changing. In particular, the field of near-field based on RIS (intelligent metasurface) is a hot research topic, and many research results have emerged."

At least some references could be cited.

2)In "... is divided into near-field region (Near-field region) and far-field region (Far-field region)...."

The texts "(Near-field region)" and "(Far-field region)", between parentheses, seem to be unnecessary, as they are repeated.

3)On page 3, please adjust the equation format in

$$d = 2D^2/\lambda$$

4)In "... between the center of the ULA-based base station antenna and the UE.", please define ULA and UE the first time they appear.