

Supplementary Information

Asymmetric Spatial Power Dividers Using Phase-Amplitude Metasurfaces Driven By Huygens

Principle:

Hamid Rajabalipanah, Ali Abdolali*, Javad Shabanpour, Ali Momeni, Ahmad Cheldavi

Iran University of Science and Technology, Electrical Engineering, Narmak, Tehran, IR 16846-

13114.

*abdolali@iust.ac.ir

The goal of this supplementary material is to explain further details that are not explained in the paper.

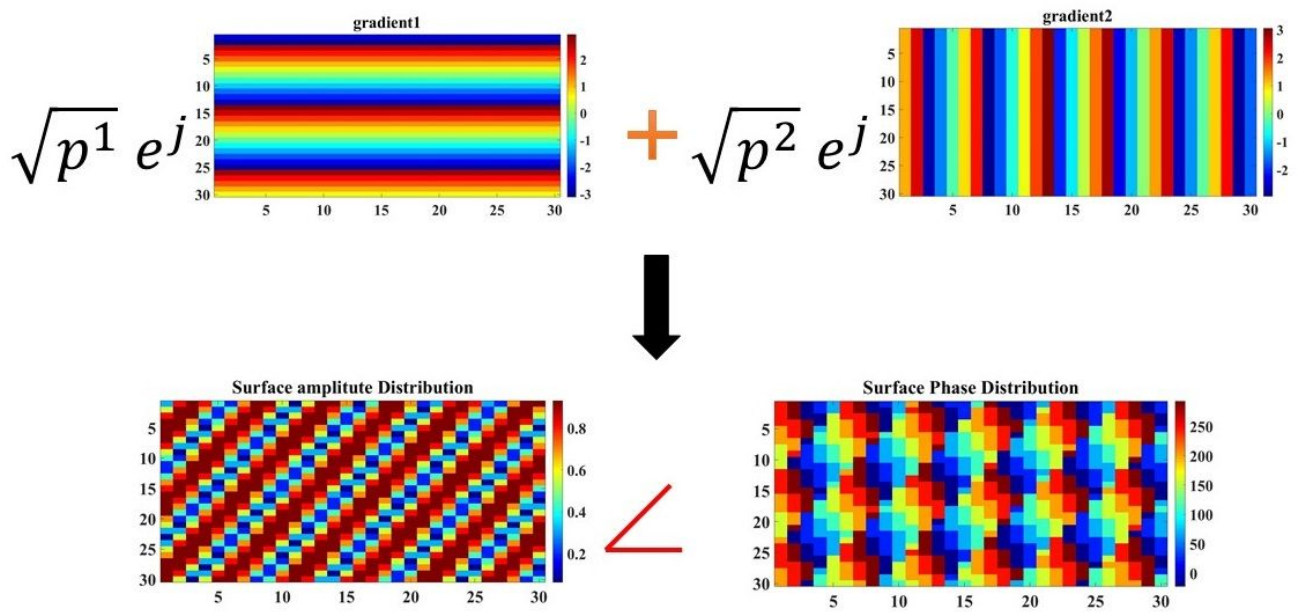


Figure S1. The phase and amplitude distributions of the contributing metasurfaces to the superposition principle for designing the ASPD metasurface of Figure 9 (a).

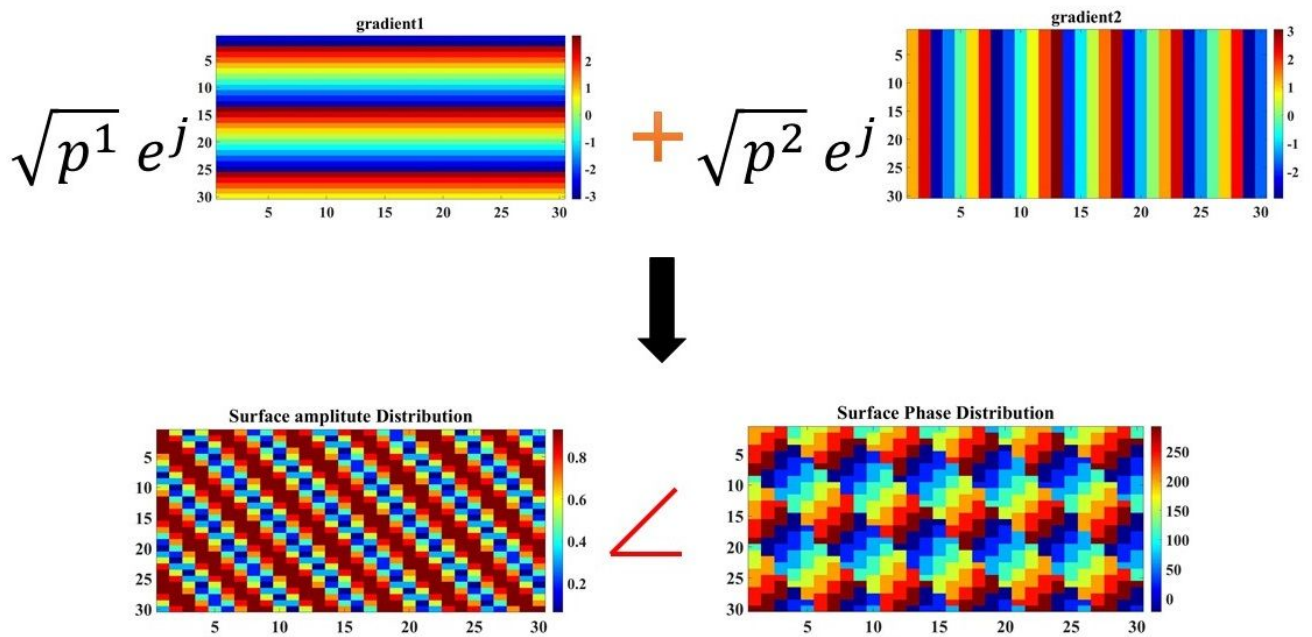


Figure S2. The phase and amplitude distributions of the contributing metasurfaces to the superposition principle for designing the ASPD metasurface of Figure 9 (c).

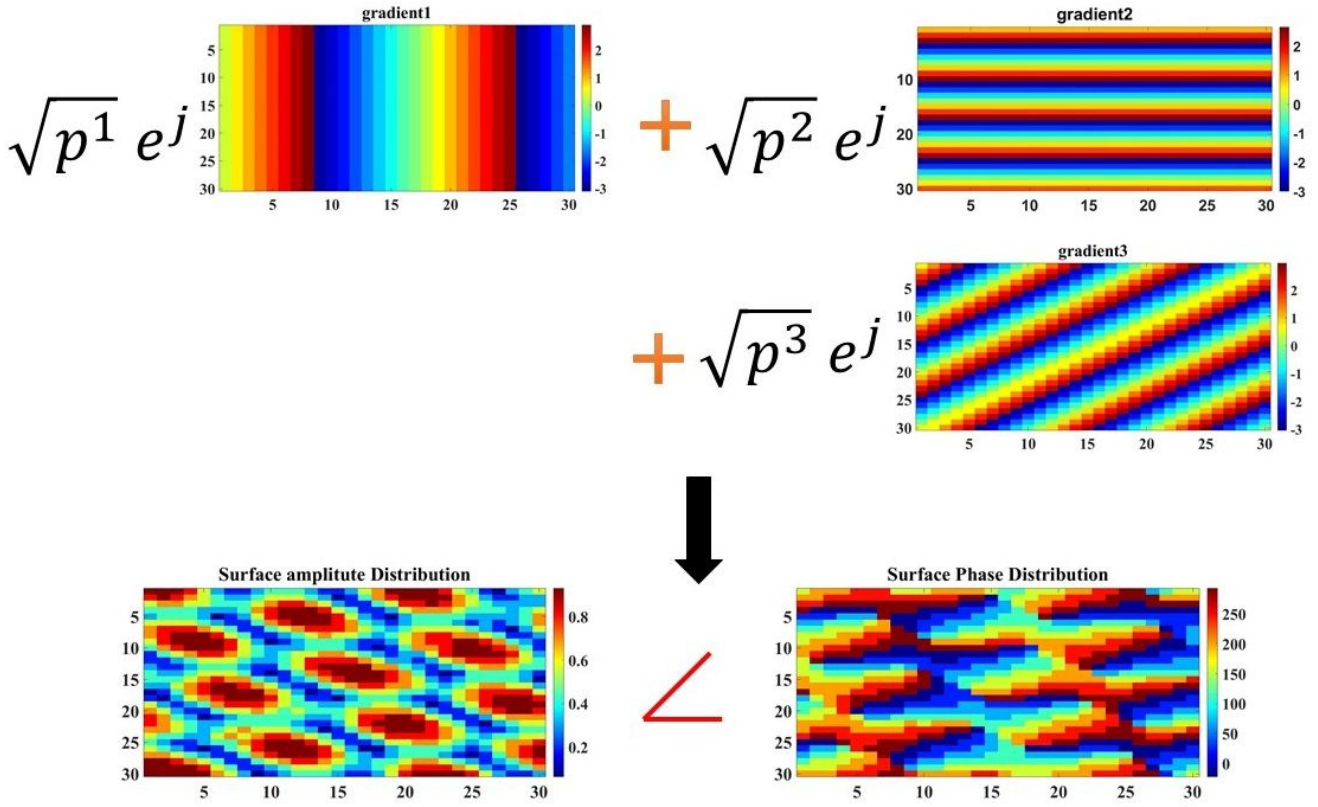


Figure S3. The phase and amplitude distributions of the contributing metasurfaces to the superposition principle for designing the ASPD metasurface of Figure 9 (e).

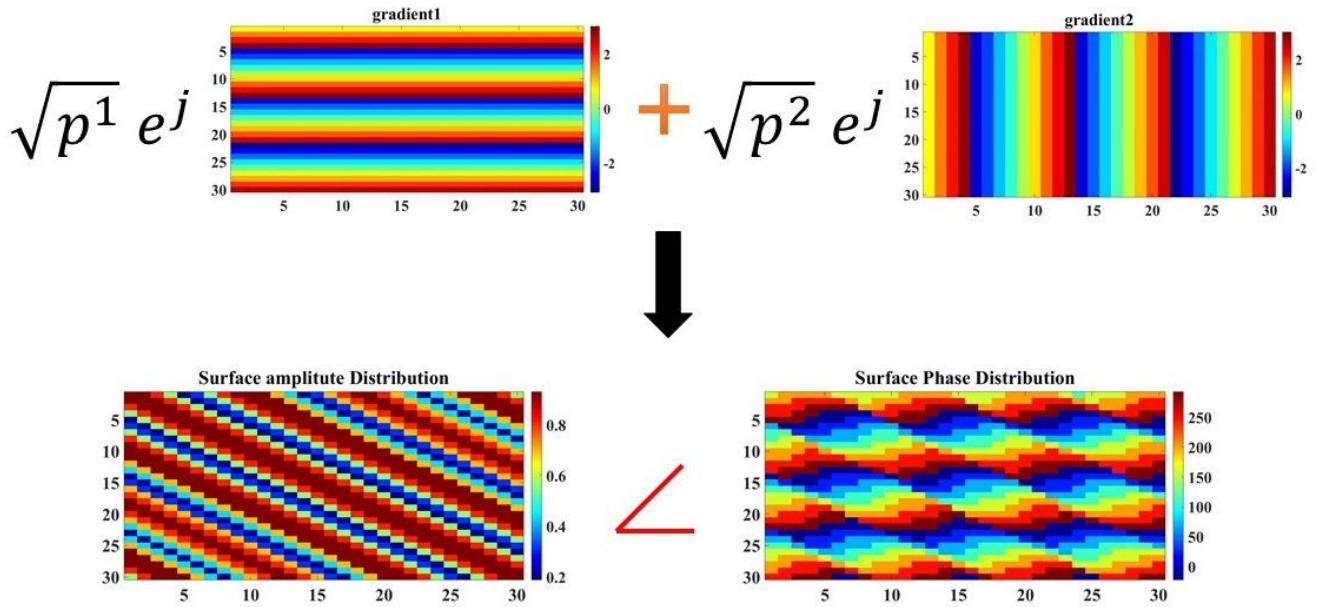


Figure S4. The phase and amplitude distributions of the contributing metasurfaces to the superposition principle for designing the ASPD metasurface of Figure 10 (a).

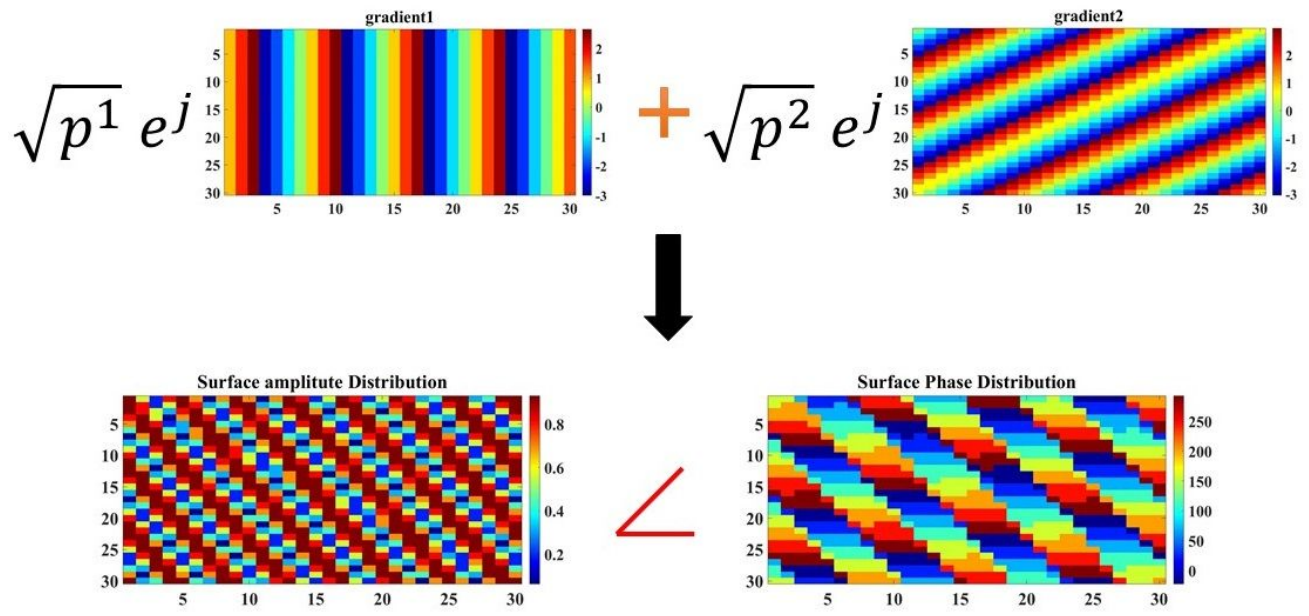


Figure S5. The phase and amplitude distributions of the contributing metasurfaces to the superposition principle for designing the ASPD metasurface of Figure 10 (c).