

## Description

### Title of Invention

RECEIVER METHOD, RECEIVER, TRANSMISSION METHOD, TRANSMITTER,  
AND TRANSMITTER-RECEIVER SYSTEM

### Technical Field

[0001] The present patent proposes for designing receive methods, receive apparatus, transmitting method, transmitting apparatus, and transmitter-receiver systems.

### Background Field

[0002] There are many kinds of techniques about communication systems; These techniques have also led to technical changes in communication; The inventor has been proposed a transmitter-receiver system using time-division and frequency-division schemes (e.g., Patent list[1]-[6] and Non-Patent list[1]-[32]):

### Citation List

#### Patent Literature

[0003]

#### References

- [1] JT2016-189500
- [2] WO2012/153732 A1
- [3] WO2014/034664A1
- [4] WO2013/183722 A1
- [5] JP2016-189501A
- [6] JP2016-189502A
- [7] JP2013-251902A
- [8] JP2012-170083A

#### Non-Patent Literature

[0004]

#### References

- [1] D. Gabor, "Theory of Communication", in *Proc. Inst. Elect. Engr.*, pt. III, 93, 429-41, 1946
- [2] D.Gabor, "Lectures on communication theory", in *Technical Report.*, No., 238. Research Laboratoty of Electronics, Massachusettes Institute of technology Cambribge, 1-48, 1952.