ABSTRACT OF THE DISCLOSURE

The accuracy of an equalization start timing, an equalization duration and a channel estimation is improved in an application including an increased number of users. An equalization start timing t0, an equalization duration te and channel H estimation are performed for each user signal, and using these, received signal replicas Re_1 ro Re_N for the respective users are generated. The replicas are subtracted from the received signal to provide an error signal, and Re_1 to Re_N are added to Es to provide an interference suppressed received signals for the users 1 to N. to, te, H and Re_1 to Re_N are generated from these to generate Es in a repeated fashion to improve the accuracy of t0, te and H.



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