

TECNICA DI ELLIOT PER LA SINTESI DI ARRAY LINEARI AVENTI LOBI SECONDARI DI AMPIEZZA ARBITRARIA

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Abstract

La riduzione dei disturbi dovuti a rumori e interferenti è un tema di estremo interesse nell'ambito delle comunicazioni mobili. Per questo si possono utilizzare principalmente due tecniche:

- a) posizionamento di nulli nel diagramma di razione;
- b) riduzione del livello dei lobi secondari.

Entrambi i metodi richiedono una stima della direzione di arrivo del segnale interferente, ma il caso (b) ovvia ad eventuali errori in tale stima.

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