Frequency-selective

Wireless Channel

P/S

c1

q1

Precoding

x1

Add

CP

IFFT

S/P

S/P

S/P

Remove CP

FFT

Remove CP

FFT

P/S

Det

P/S

Det

S/P

IFFT

Add CP

P/S

x1

q2

c2

*K* users

*M* antenna

cM

xM

qN

S/P

IFFT

Add CP

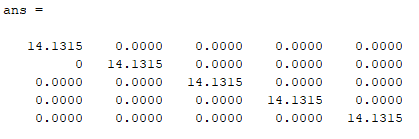
P/S

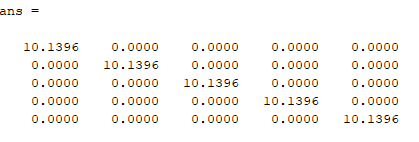
Keterangan:

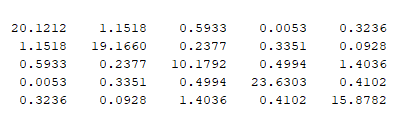
M = Jumlah antenna Tx

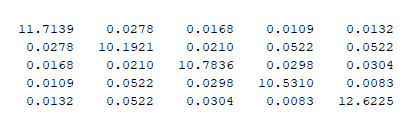
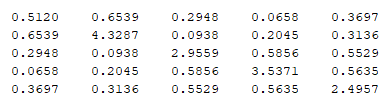
K = Jumlah user

N = Jumlah subcarrier









Daya sinyal yang diterima tiap user

Interferensi user lain = 0