xt2

xt1

xM

x2

x1

sN

s2

s1

AN

A2

A1

qN

q2

q1

P/S

P/S

P/S

Add CP

Add CP

Add CP

IFFT

IFFT

IFFT

A

R

R

A

N

G

E

M

E

N

T

Precoding

Precoding

Precoding

S/P

S/P

FFT

FFT

Det

Det

Frequency-selective

Wireless Channel

*K* users

*N* subcarrier

*M* antenna

xtM

Keterangan:

M = Jumlah antenna Tx

K = Jumlah user

N = Jumlah subcarrier