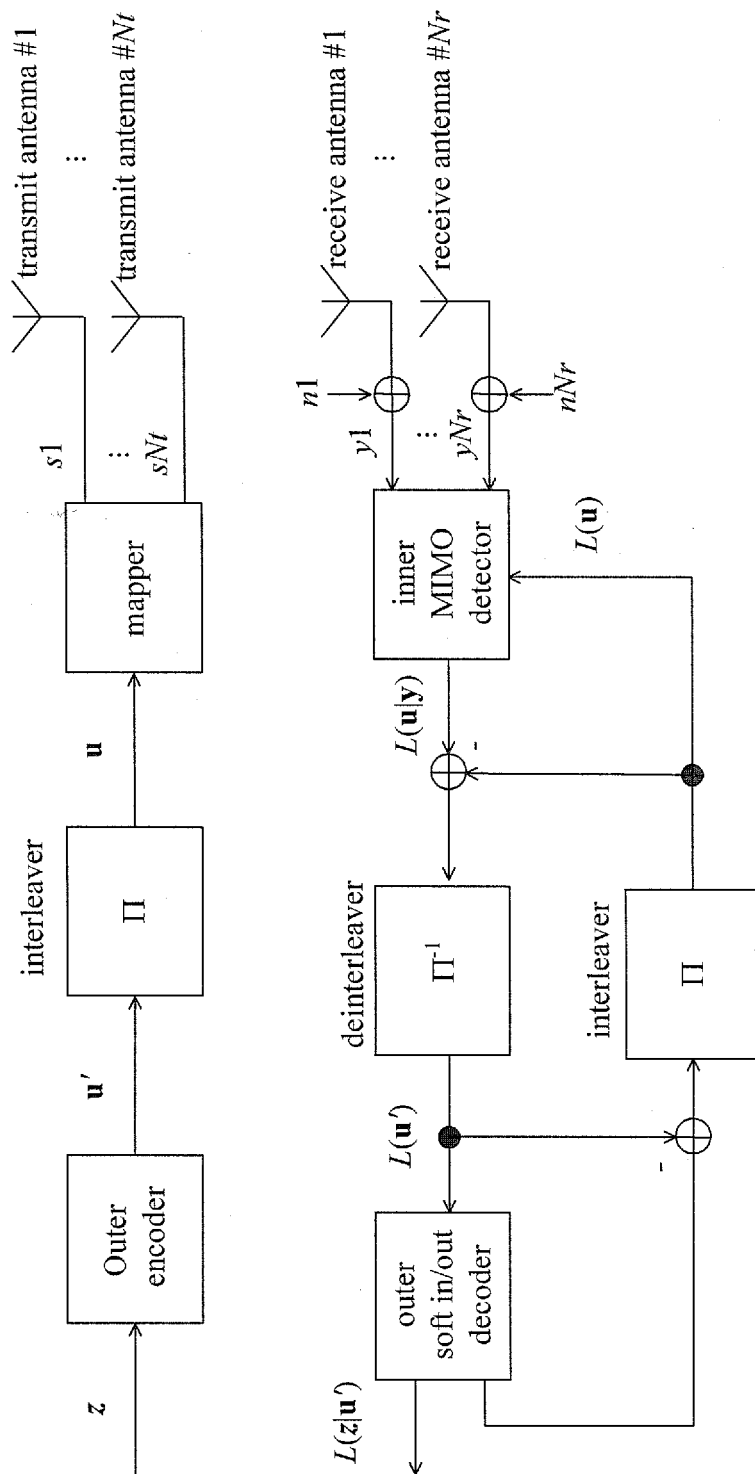
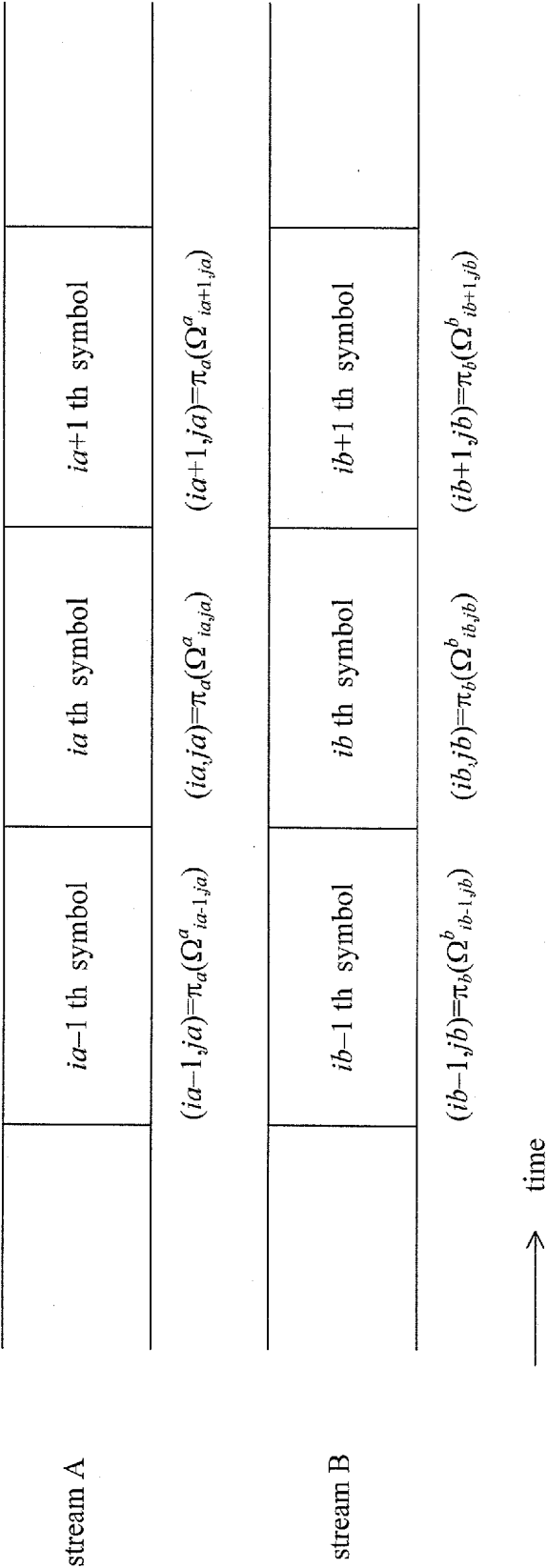


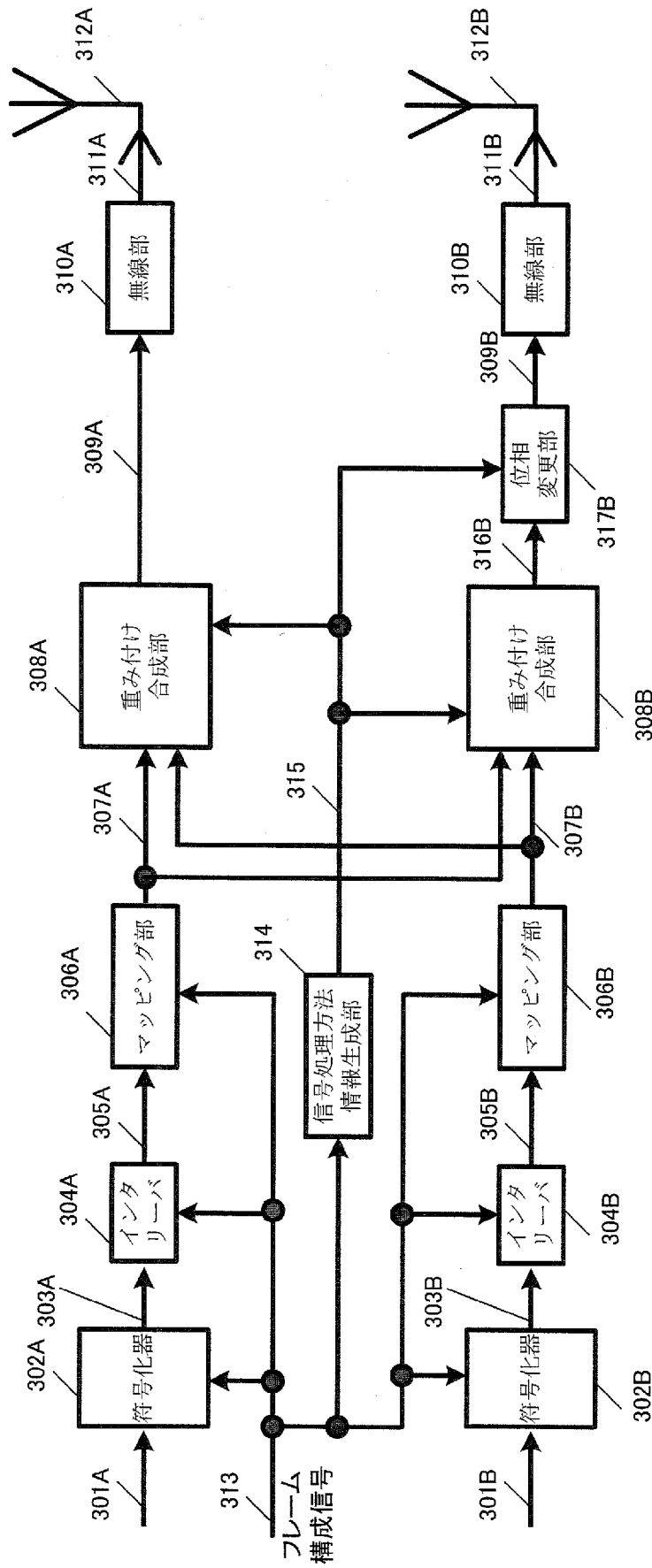
[図1]



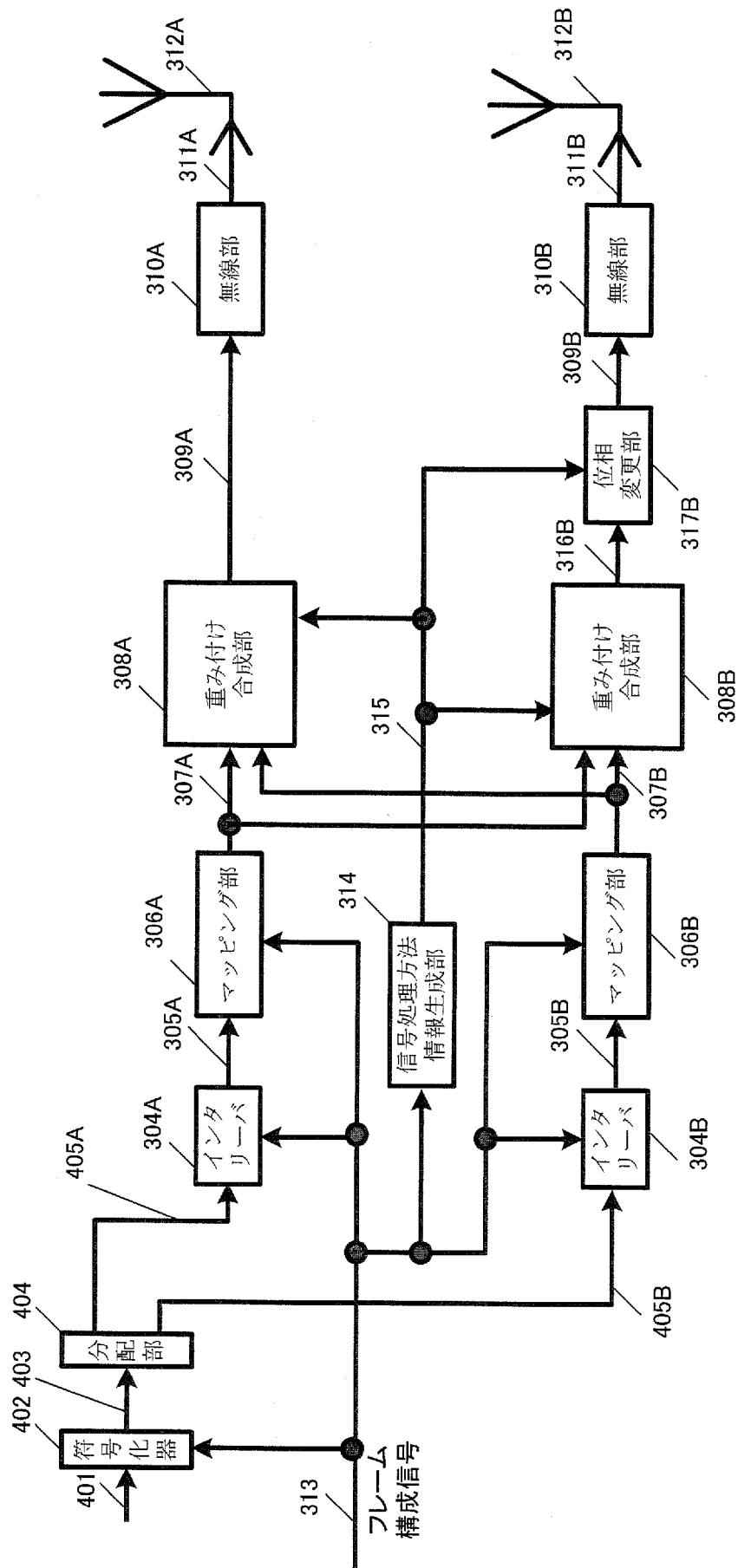
[図2]



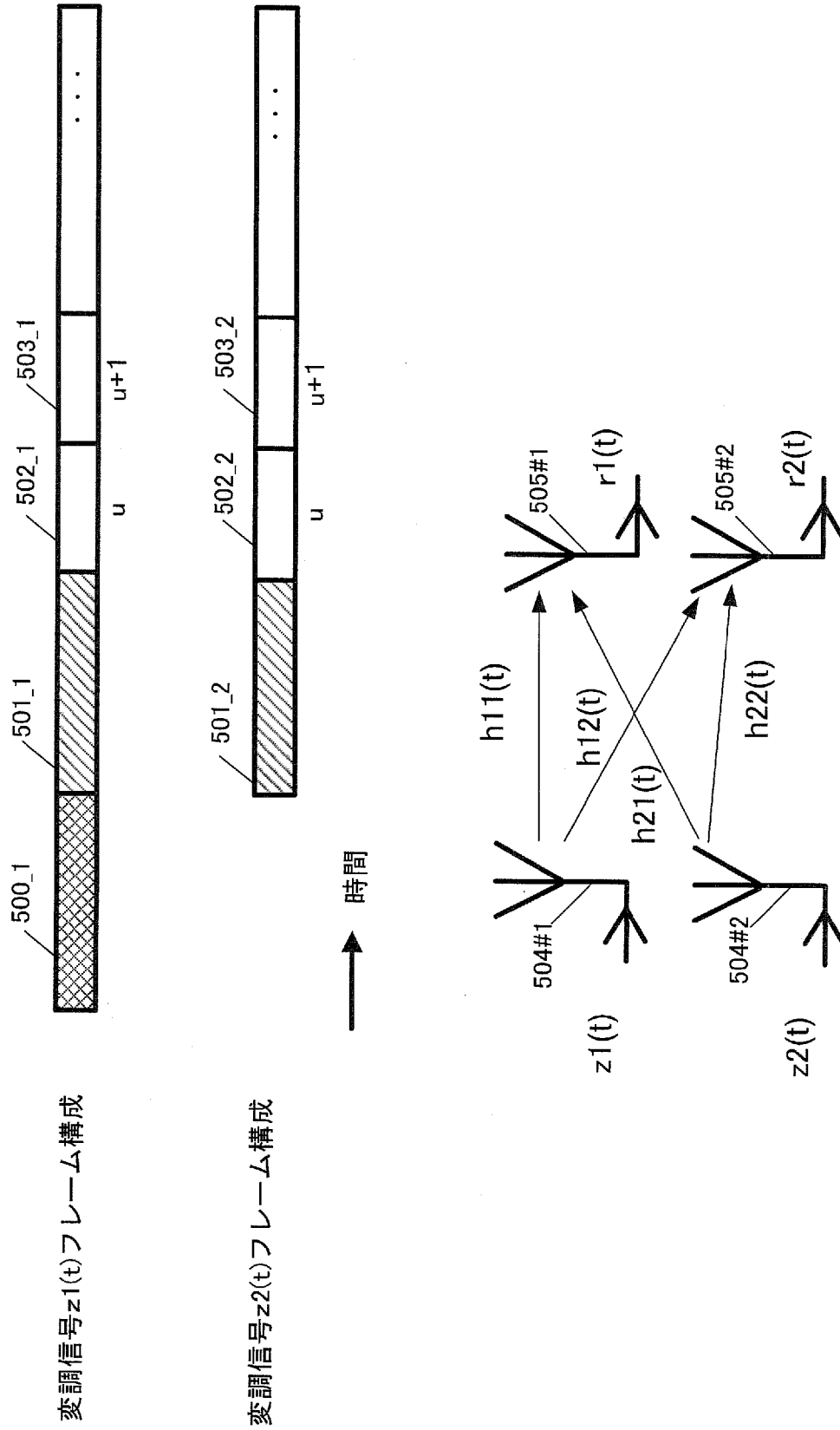
[図3]



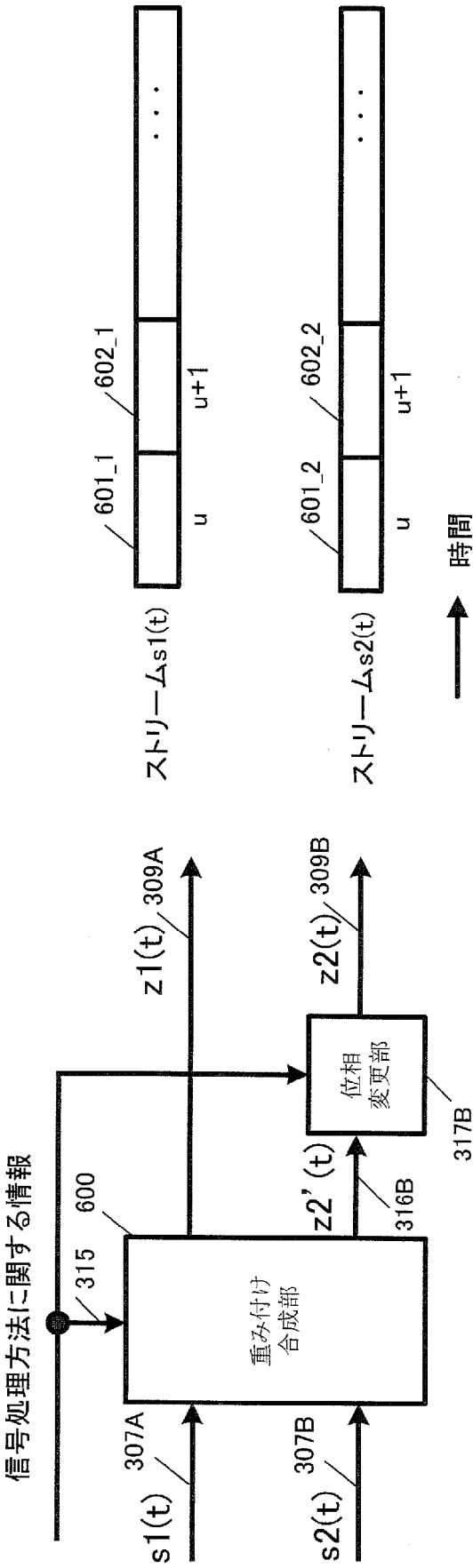
[図4]



[図5]



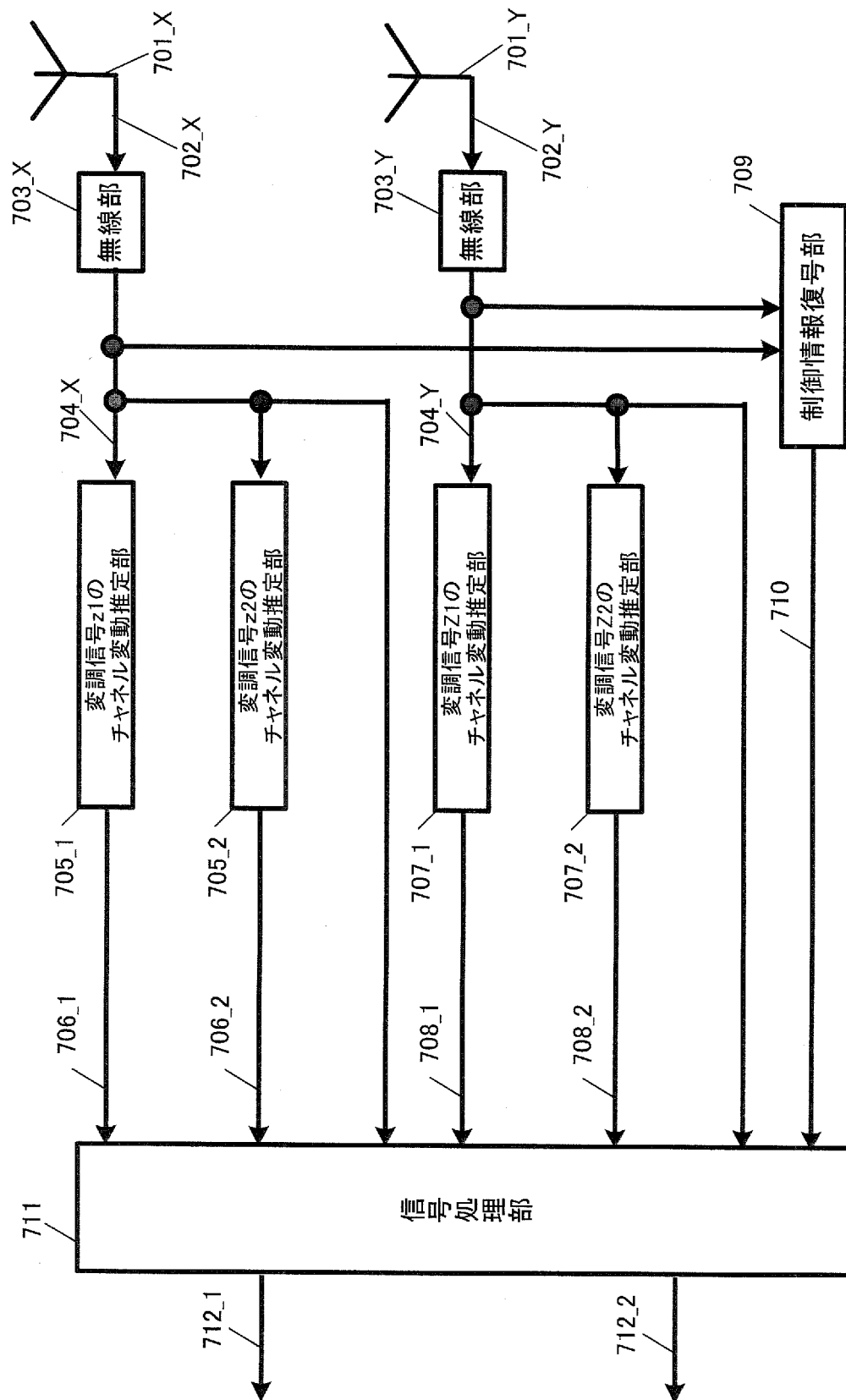
[図6]



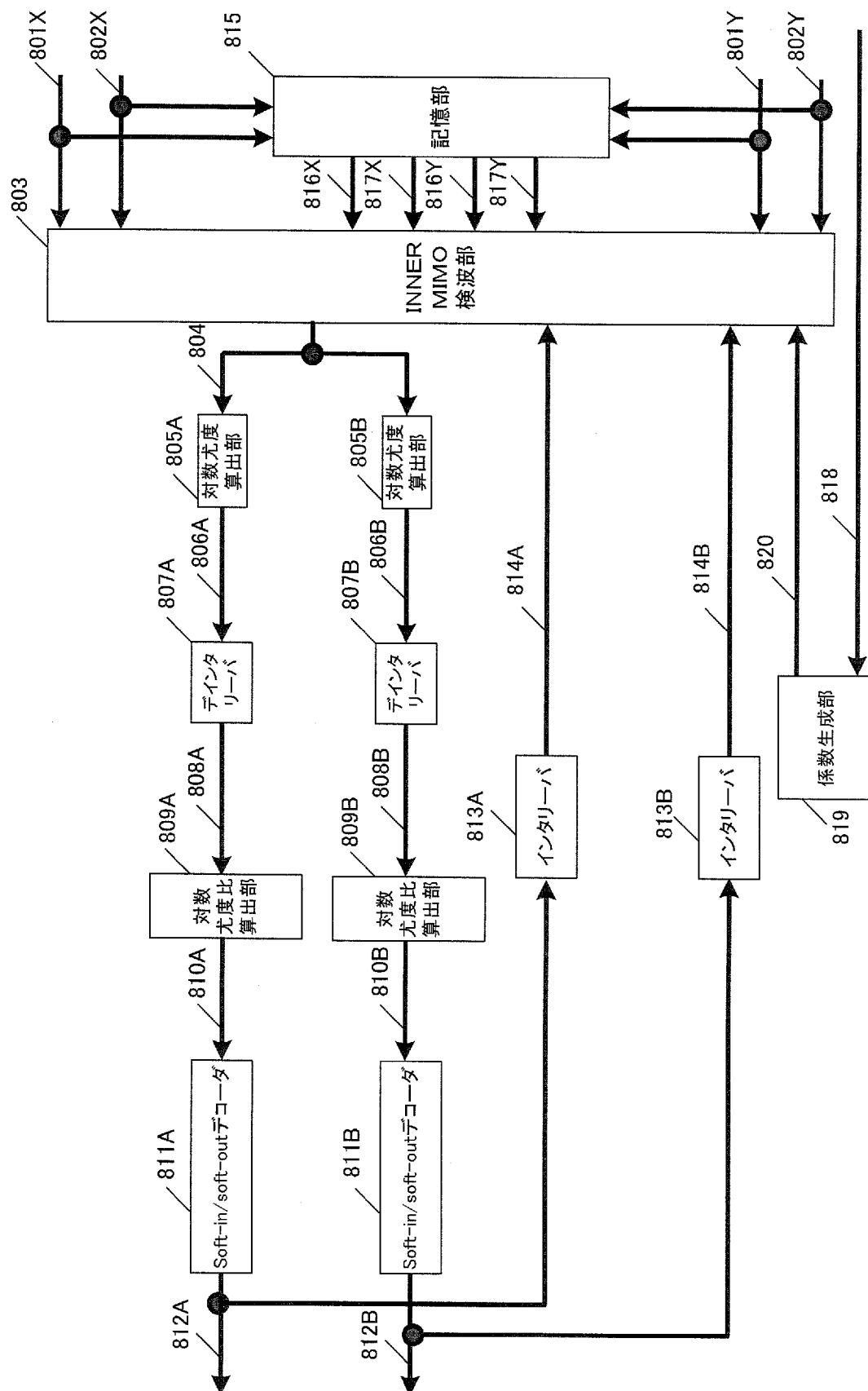
位相変更部の位相変更式 $y(t)$ の変更例

時刻 u	時刻 $u+1$	時刻 $u+2$	時刻 $u+3$	時刻 $u+k$
$y(u) = e^{j0}$	$y(u+1) = e^{j\frac{\pi}{2}}$	$y(u+2) = e^{j\pi}$	$y(u+3) = e^{j\frac{3\pi}{2}}$	$y(u+k) = e^{j\frac{k\pi}{2}}$

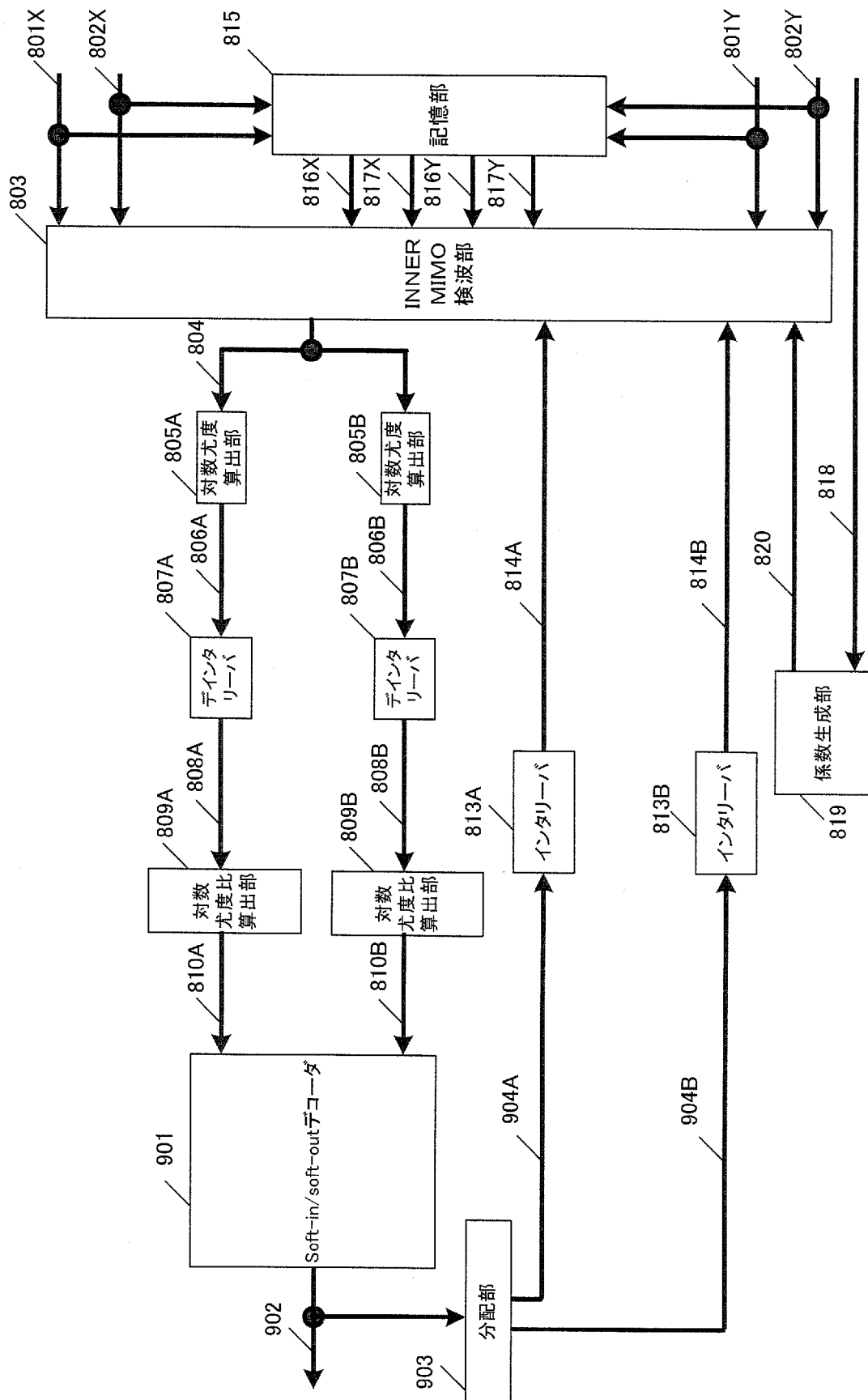
[図7]



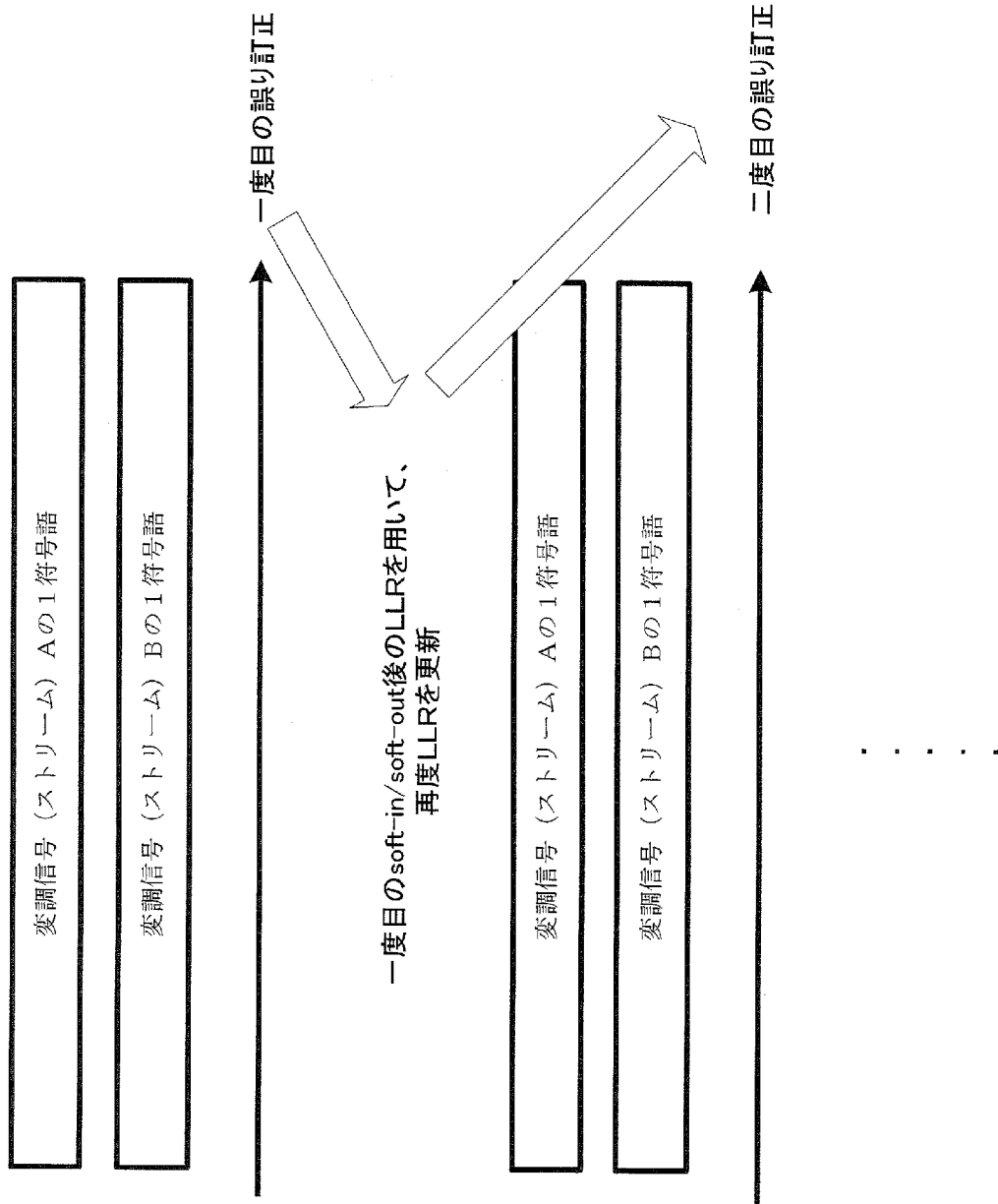
[図8]



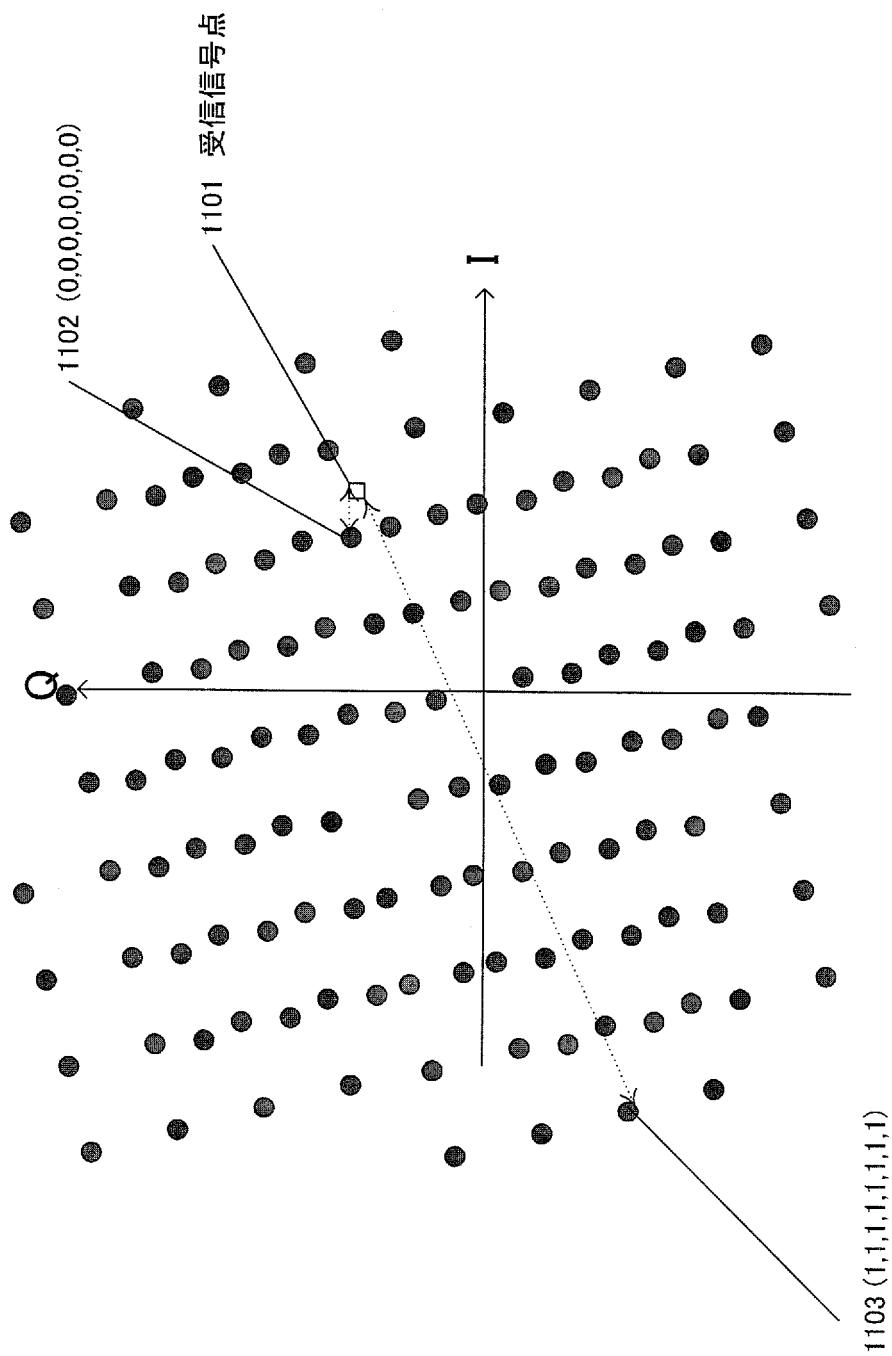
[図9]



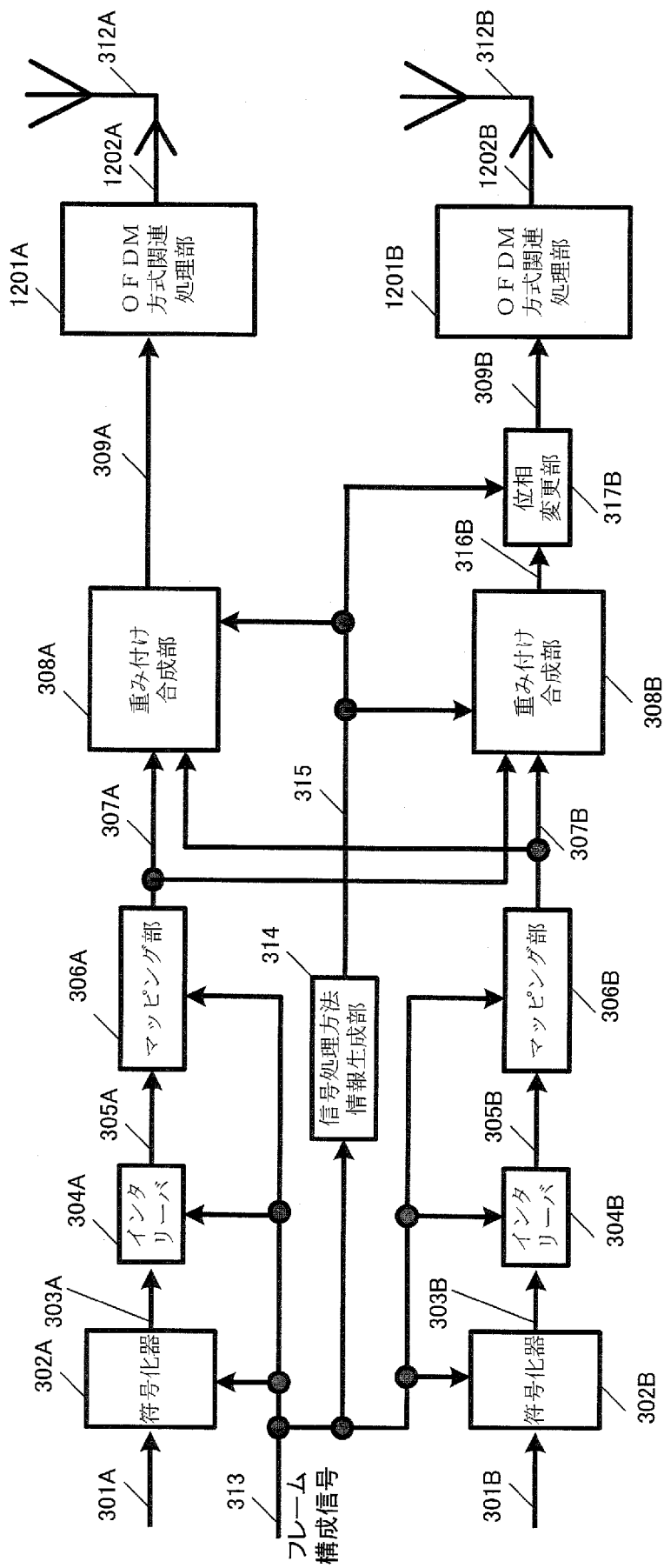
[図10]



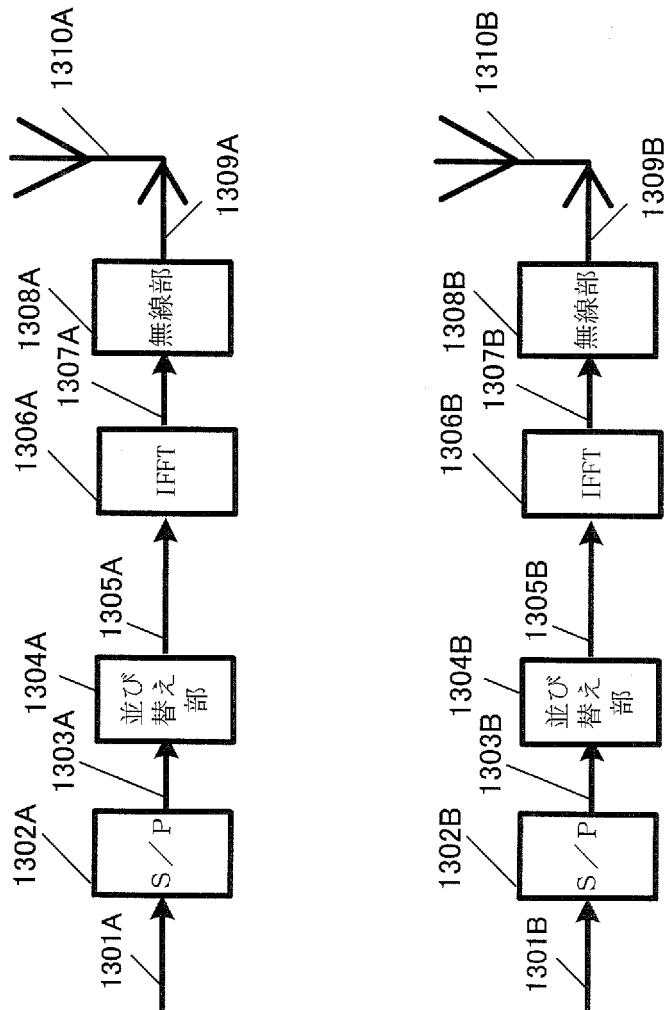
[図11]



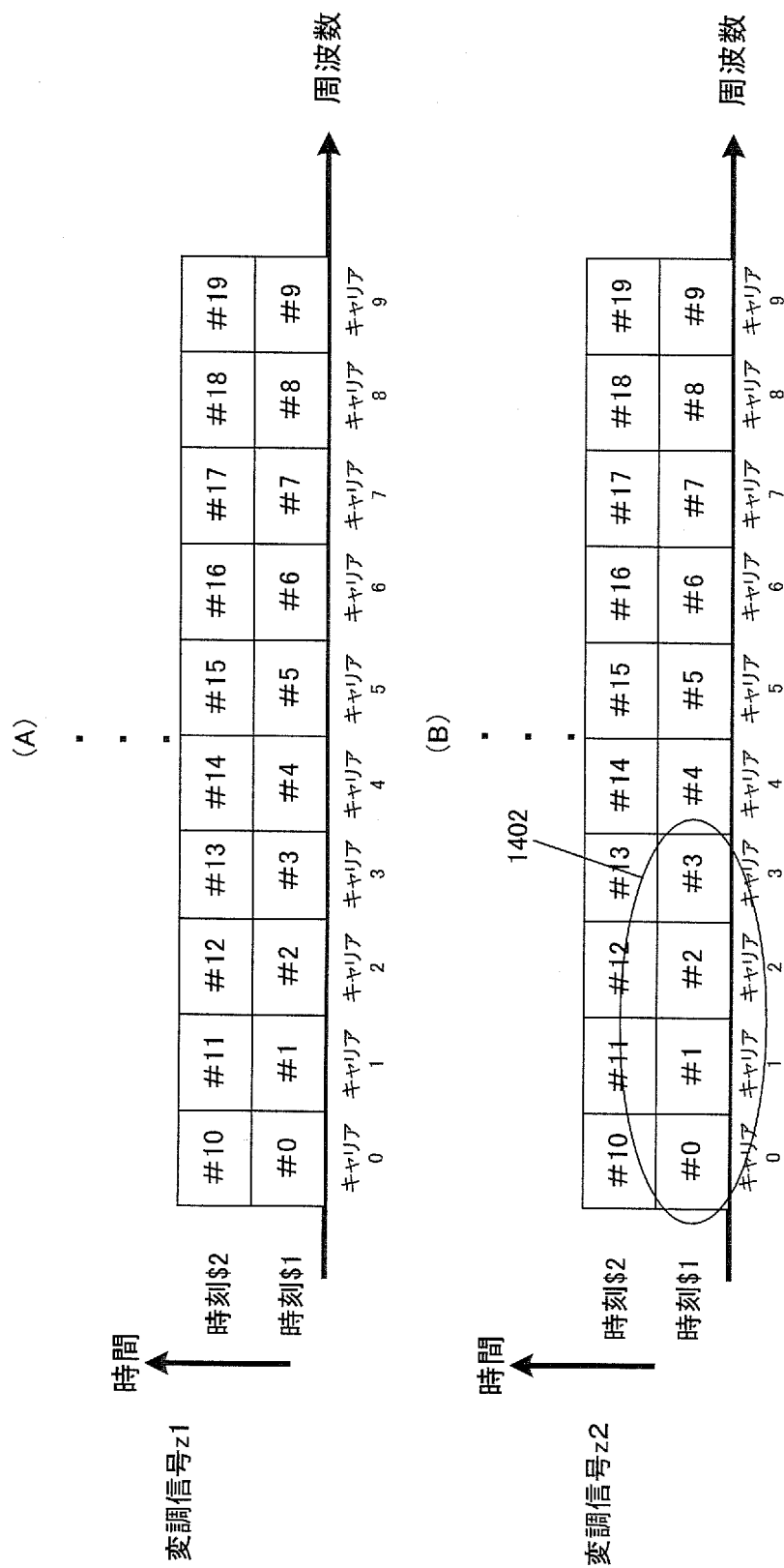
[図12]



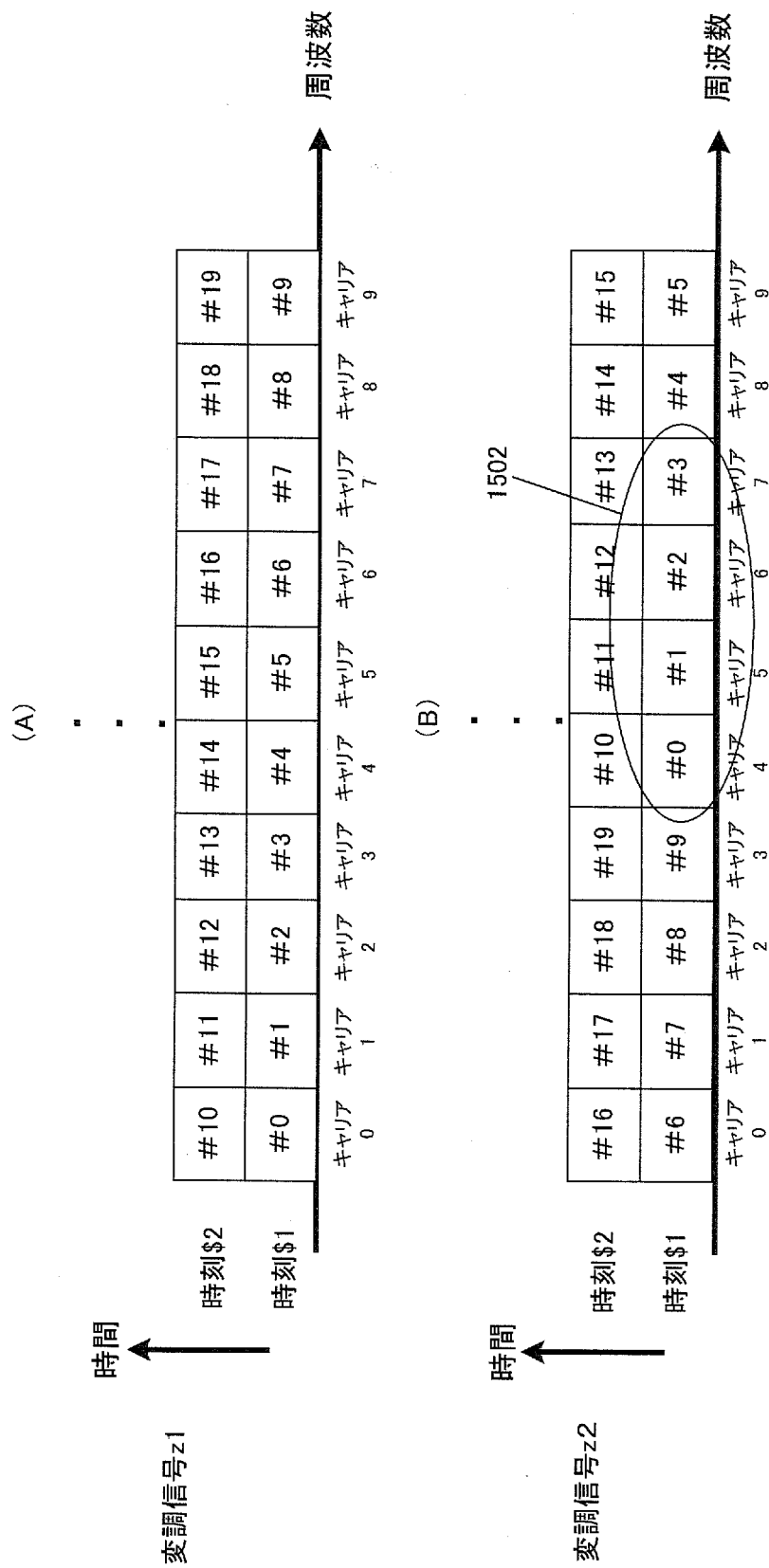
[図13]



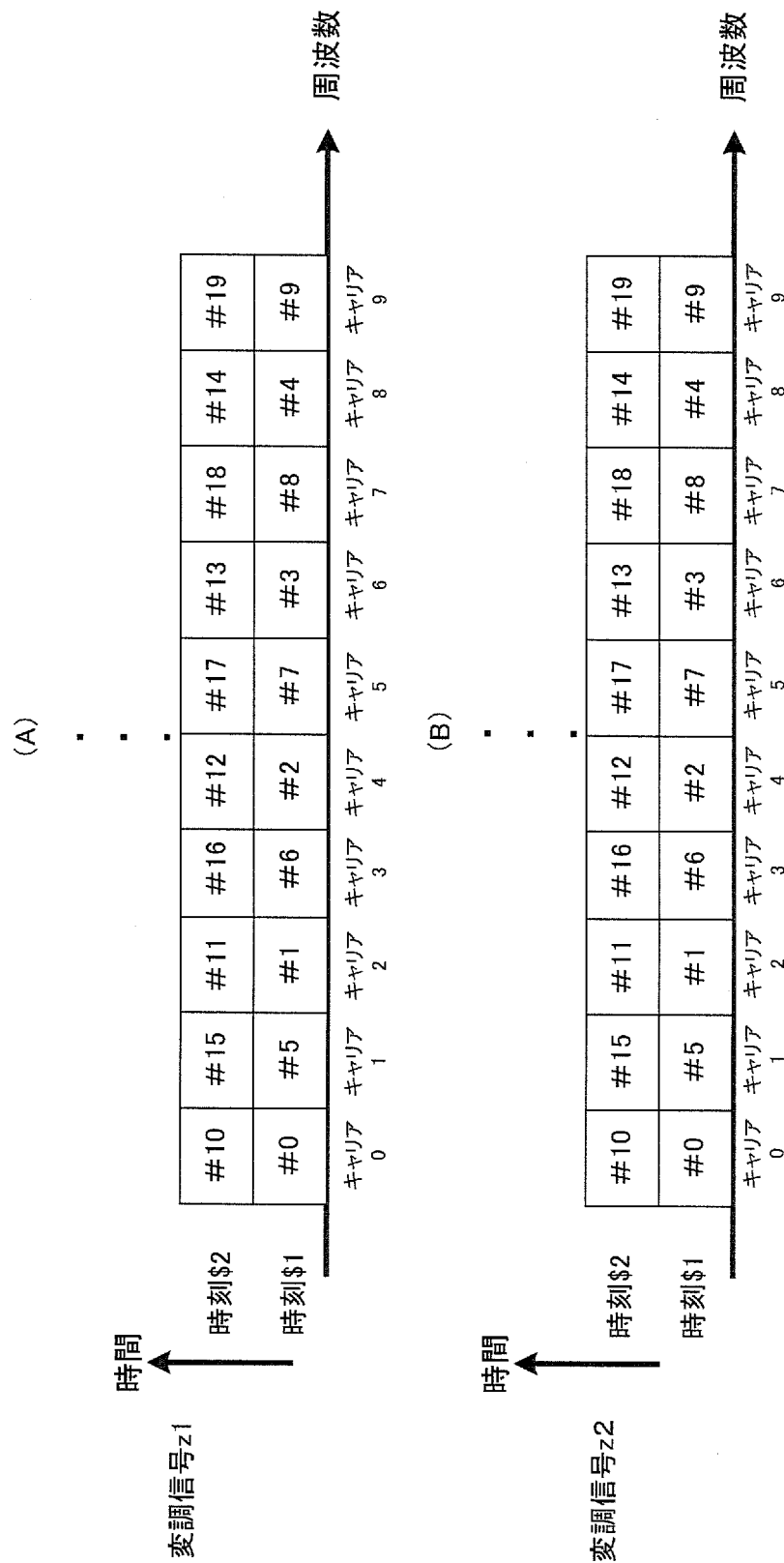
[図14]



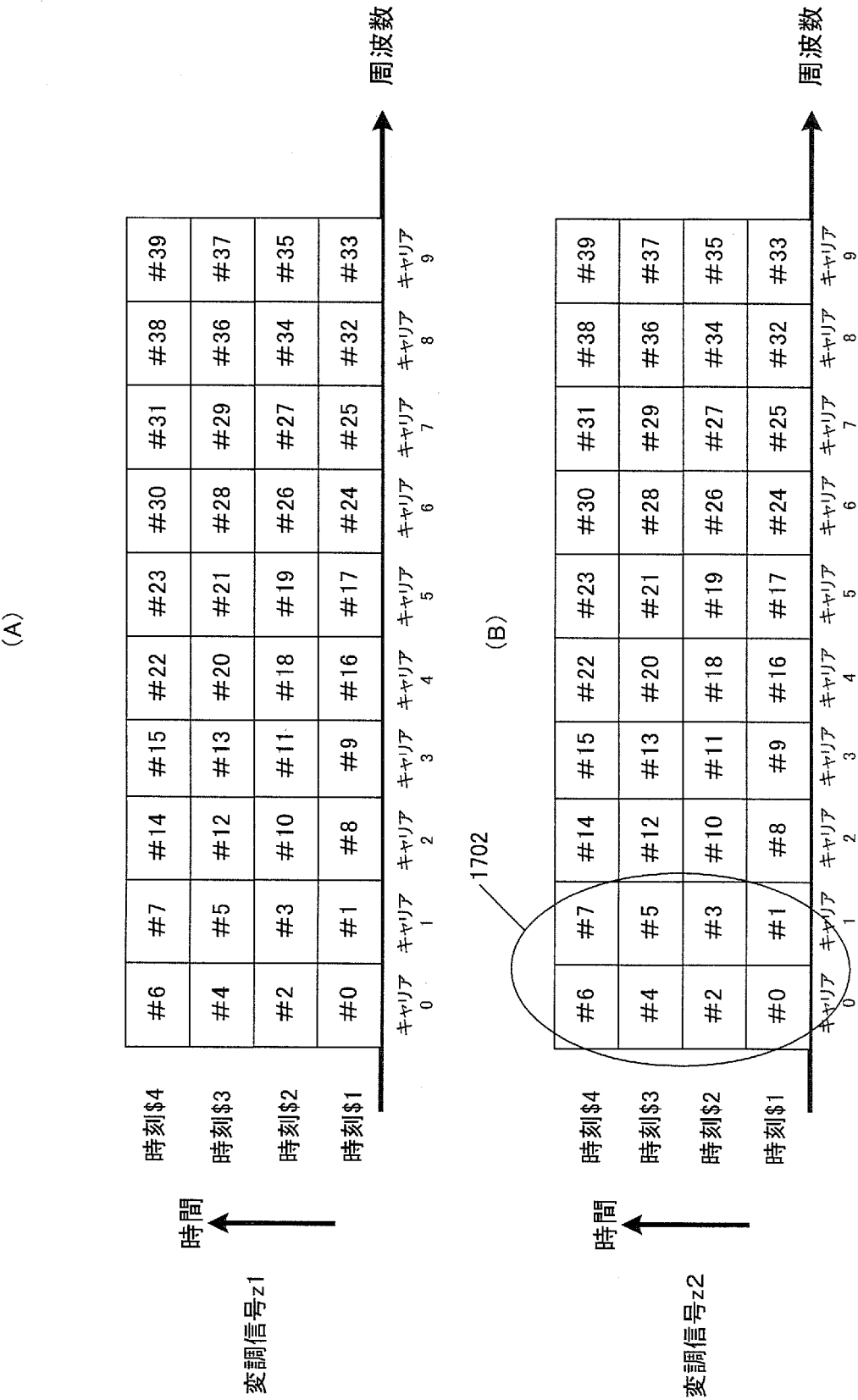
[図15]



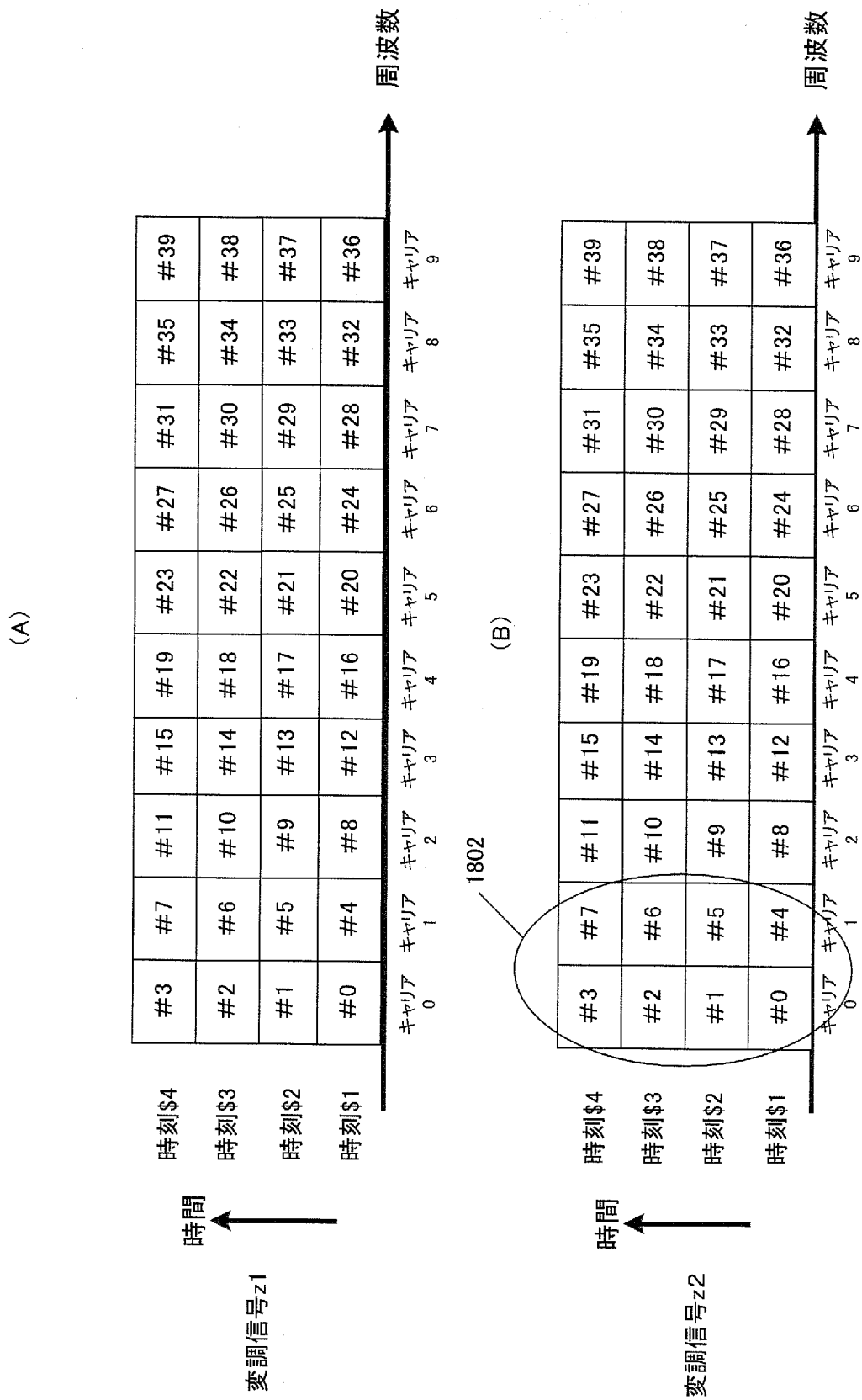
[図16]



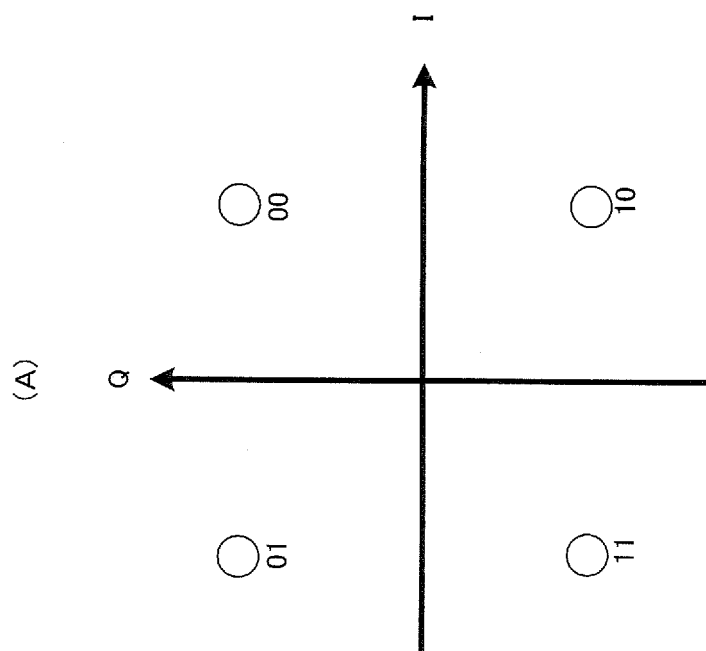
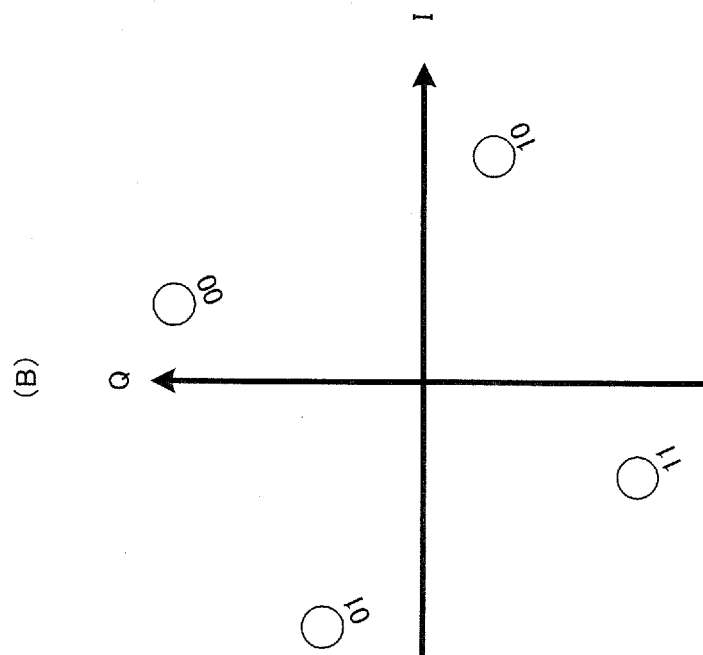
[図17]



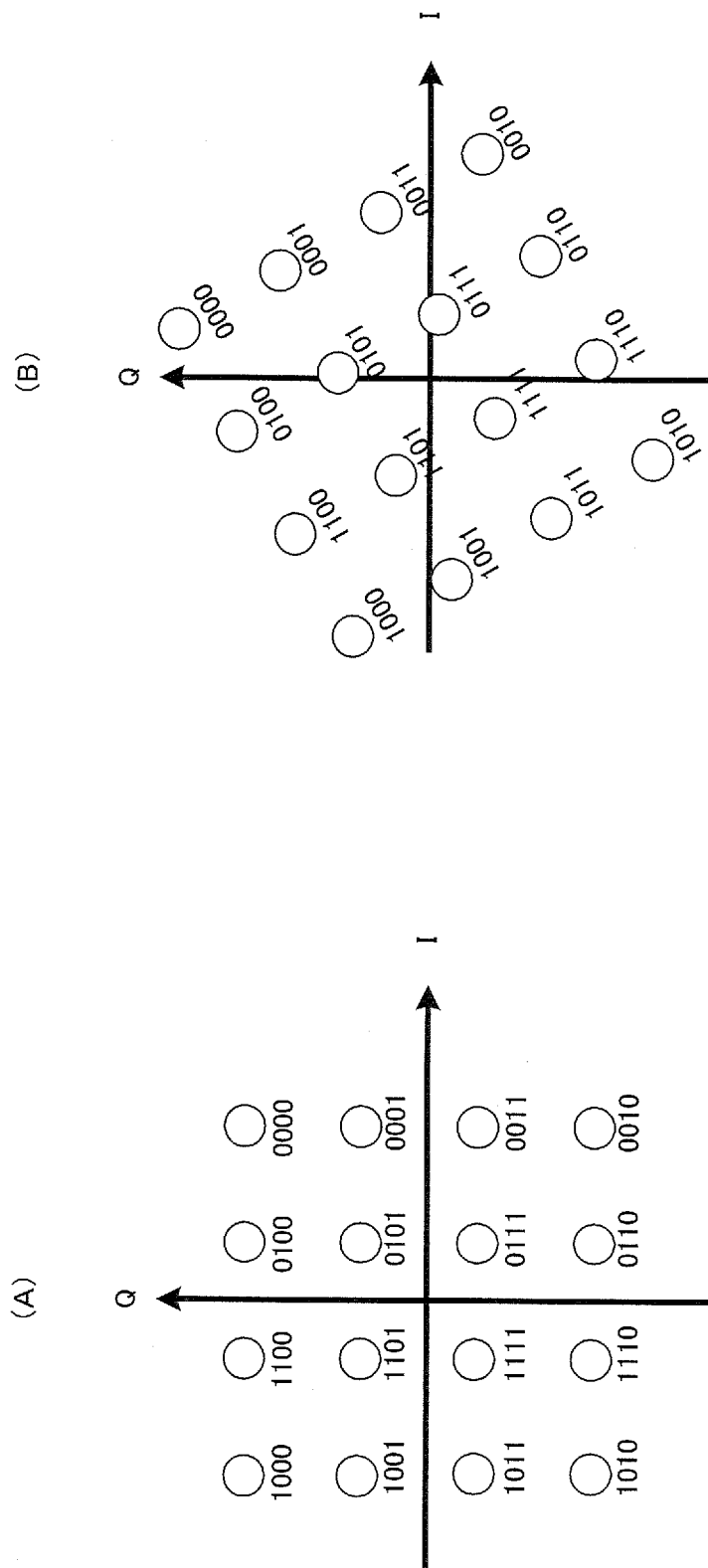
[図18]



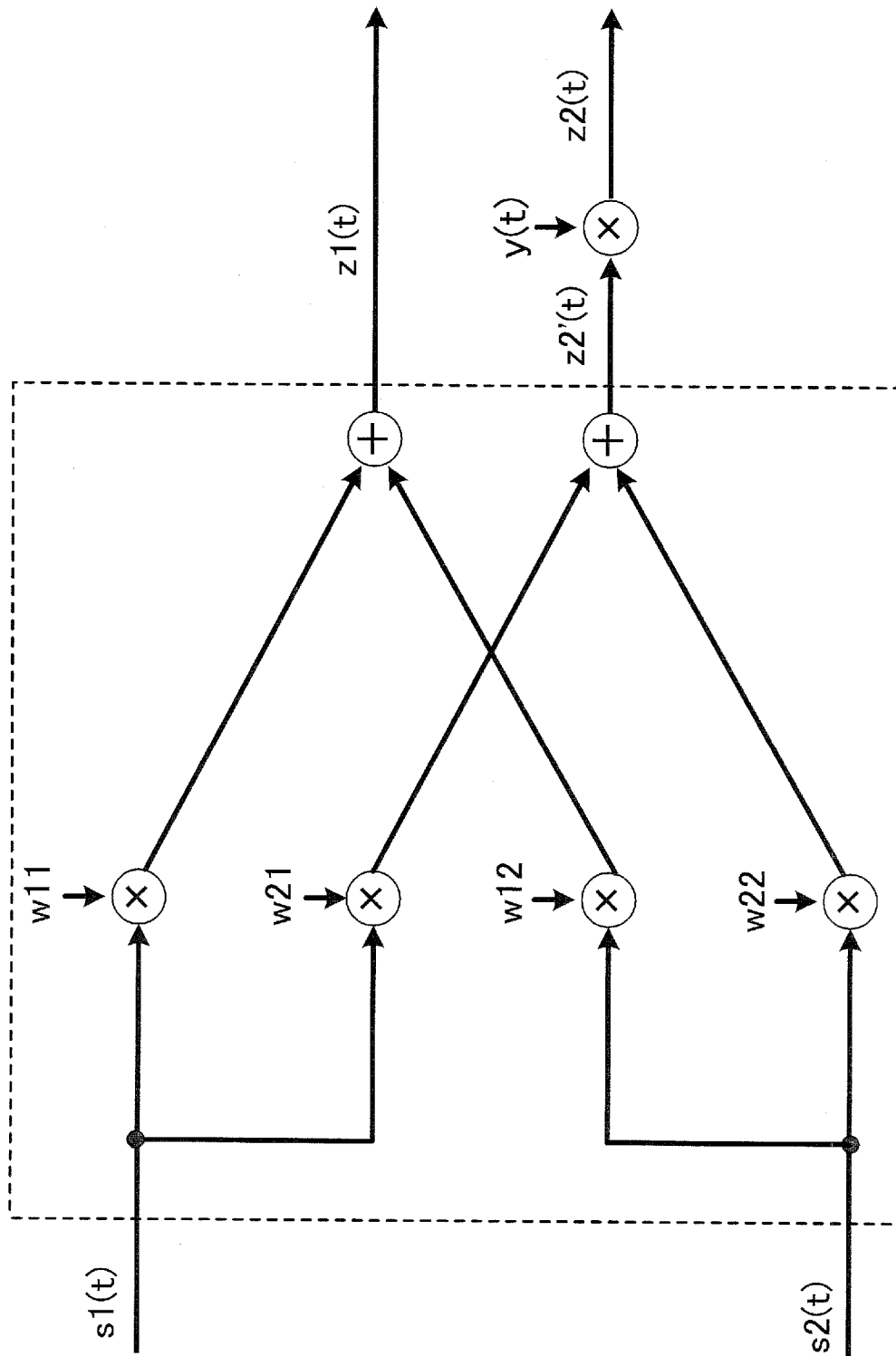
[図19]



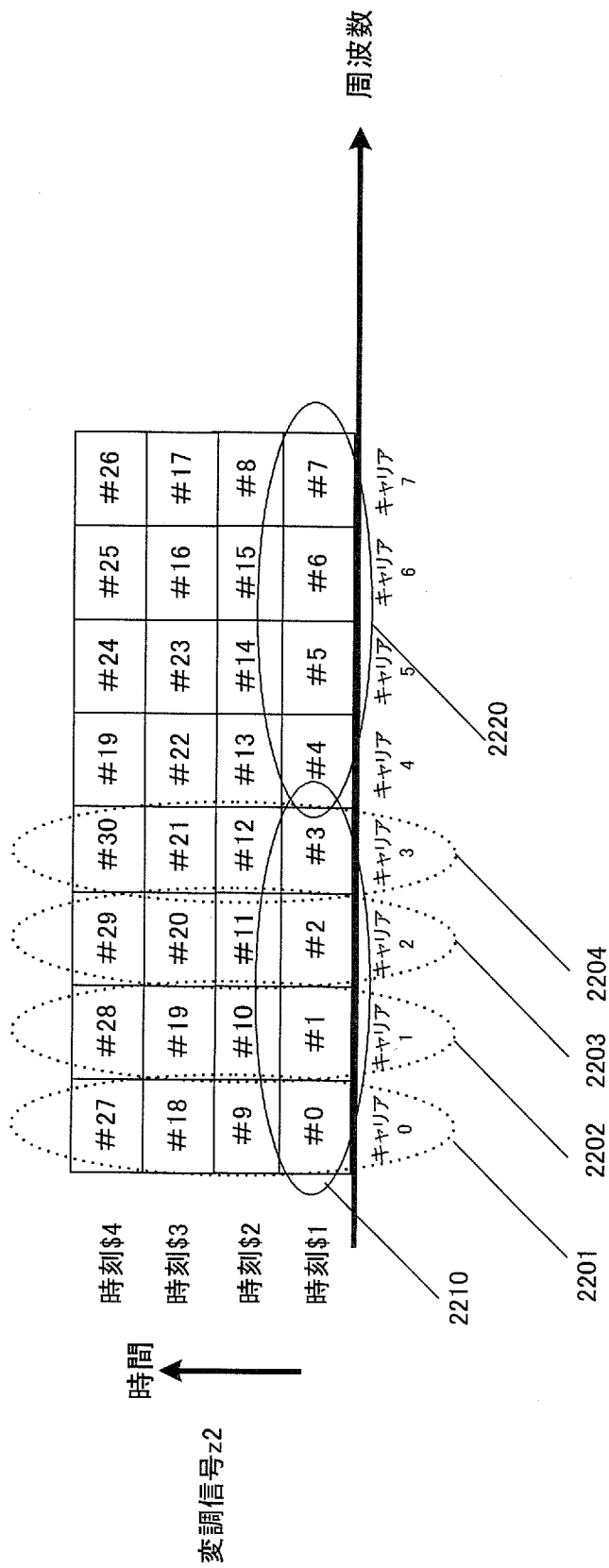
[図20]



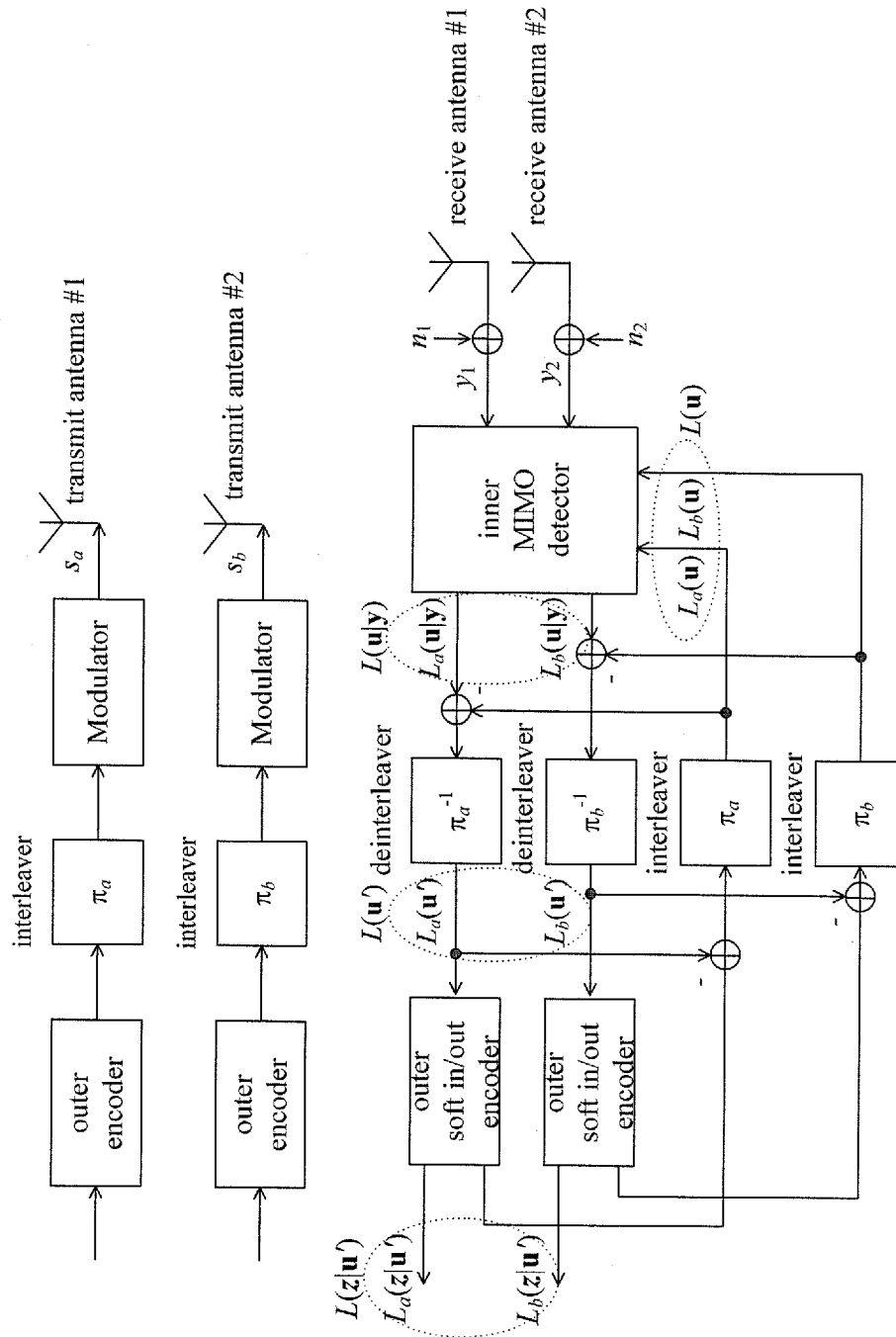
[図21]



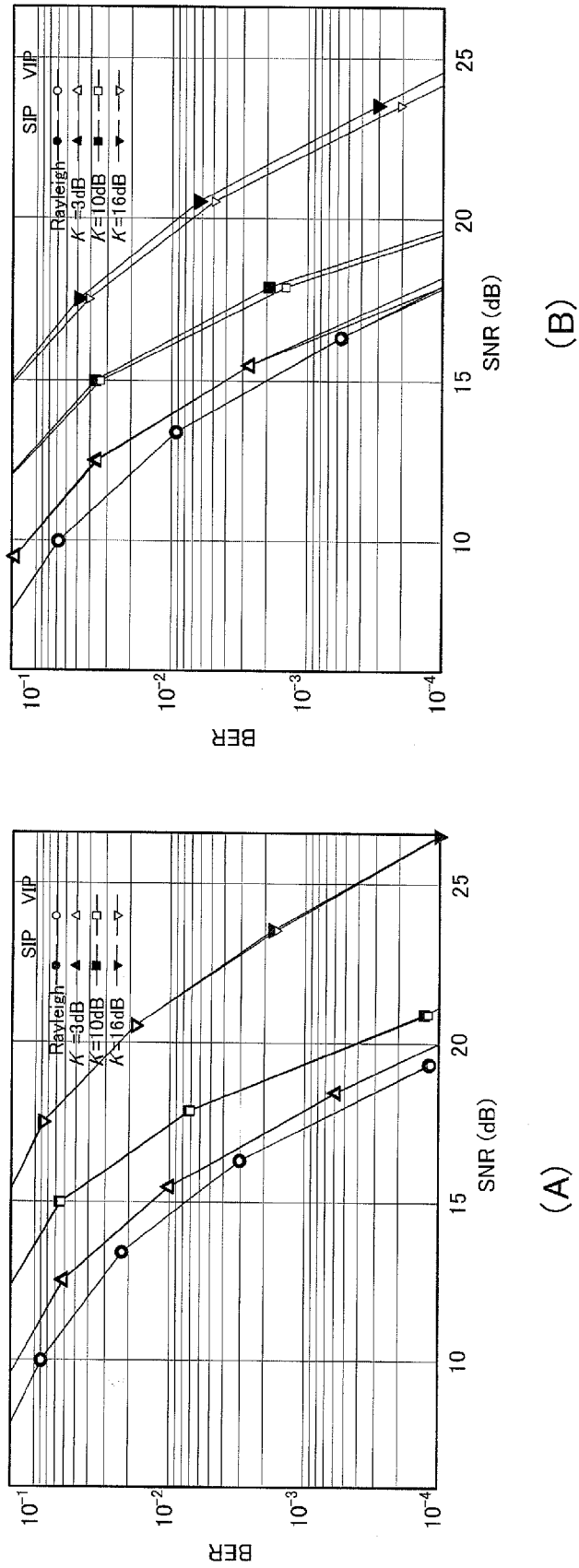
[図22]



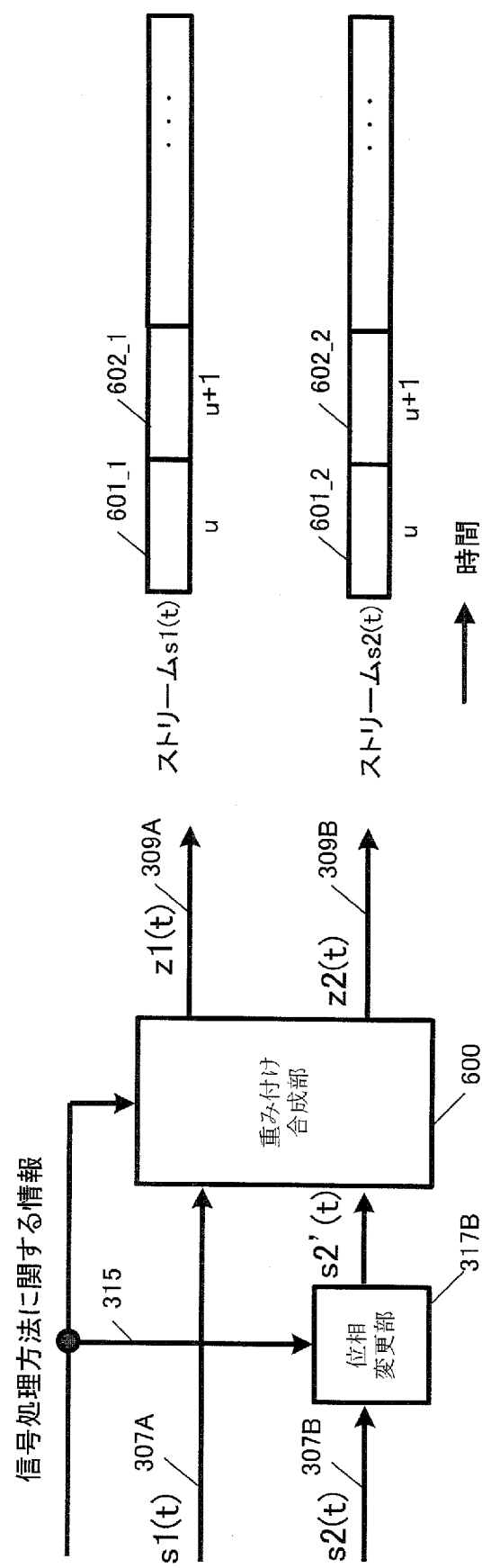
[図23]



[図24]



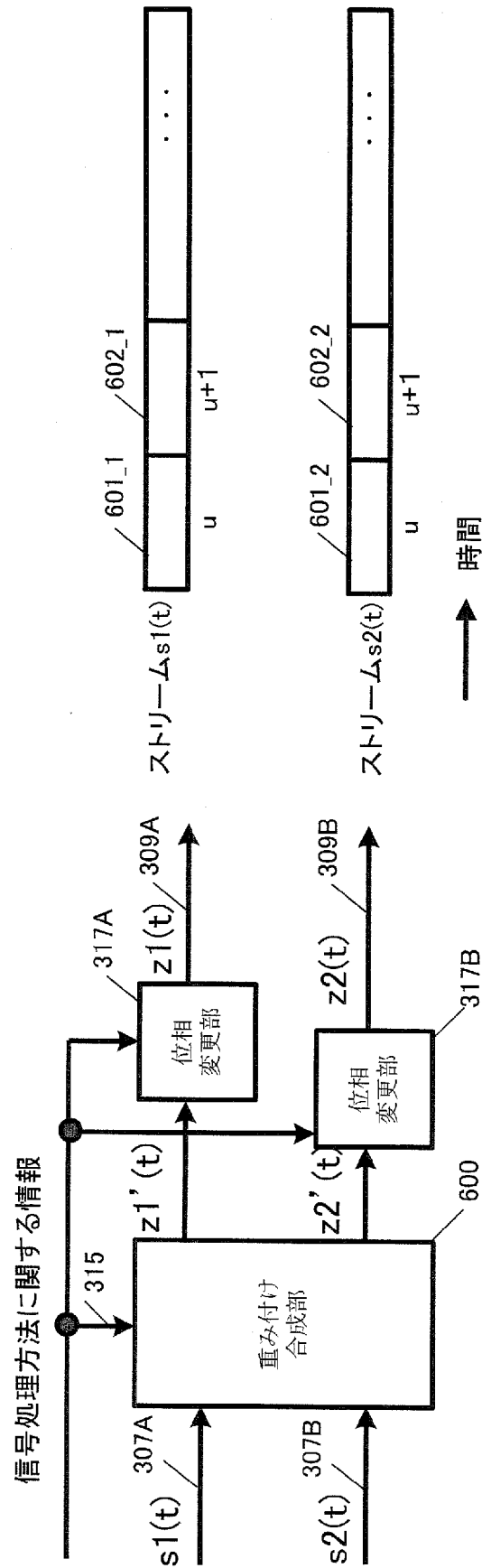
[図25]



位相変更部の位相変更式 $y(t)$ の変更例

時刻 u	時刻 $u+1$	時刻 $u+2$	時刻 $u+3$	時刻 $u+k$
$y(u) = e^{j0}$	$y(u+1) = e^{j\frac{\pi}{2}}$	$y(u+2) = e^{j\pi}$	$y(u+3) = e^{j\frac{3\pi}{2}}$	$y(u+k) = e^{j\frac{k\pi}{2}}$

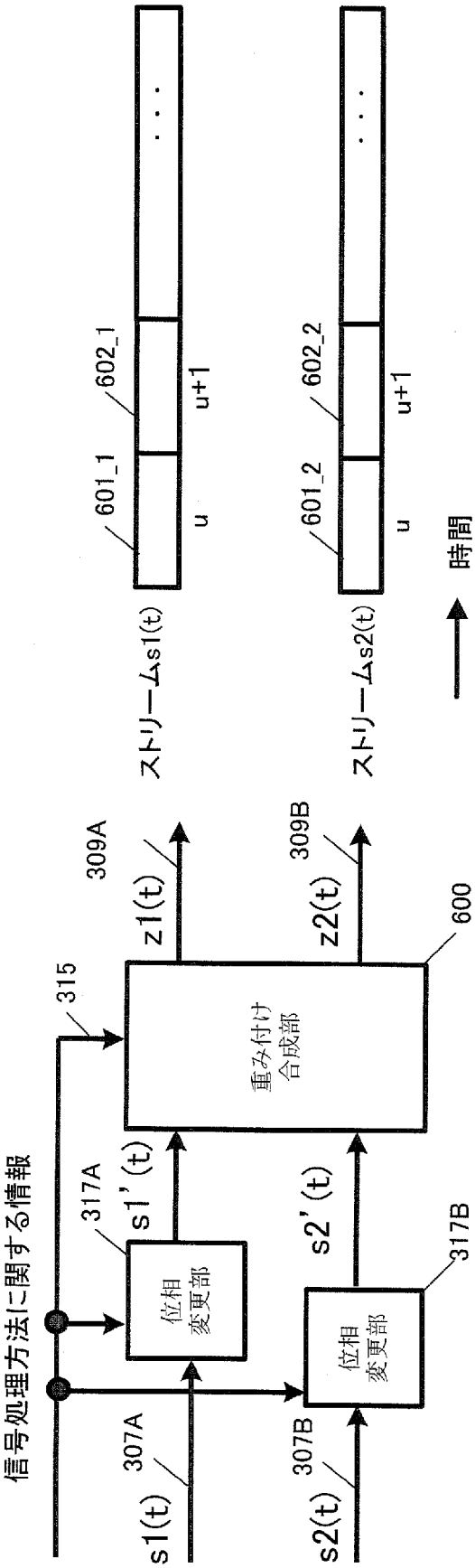
[図26]



位相変更部の位相変更式 $y1(t)$ 、 $y2(t)$ の変更例

時刻 u	時刻 $u+1$	時刻 $u+2$	時刻 $u+3$	時刻 $u+k$
$y_1(u) = e^{j0}$	$y_1(u+1) = e^{j\frac{\pi}{4}}$	$y_1(u+2) = e^{j\frac{\pi}{2}}$	$y_1(u+3) = e^{j\frac{3\pi}{4}}$	$y_1(u+k) = e^{j\frac{k\pi}{4}}$
$y_2(u) = e^{-j\frac{\pi}{2}}$	$y_2(u+1) = e^{j\frac{3\pi}{4}}$	$y_2(u+2) = e^{-j\pi}$	$y_2(u+3) = e^{-j\frac{5\pi}{4}}$	$y_2(u+k) = e^{j\left(-\frac{k\pi}{4} + \frac{\pi}{2}\right)}$

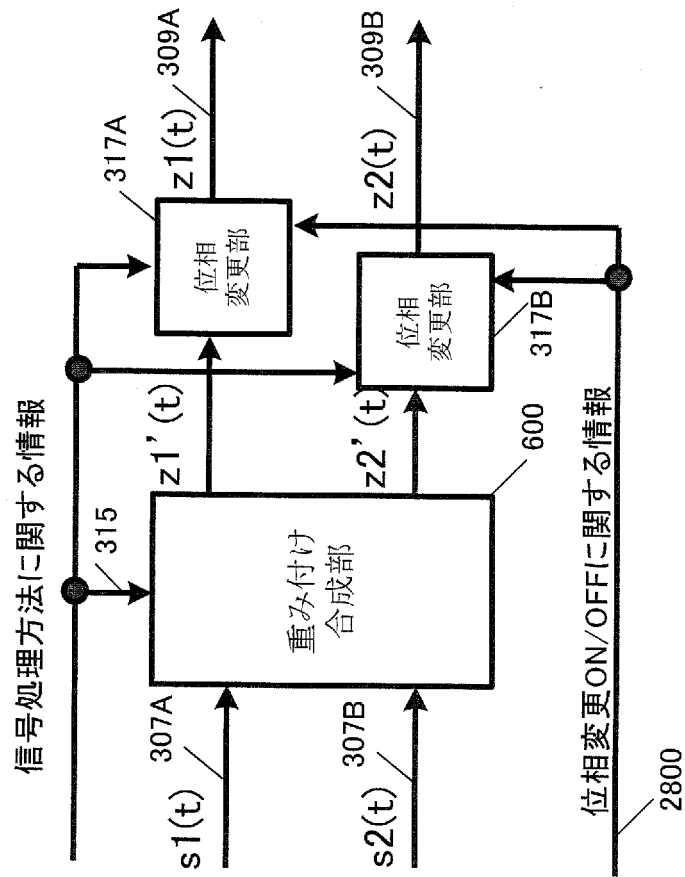
[図27]



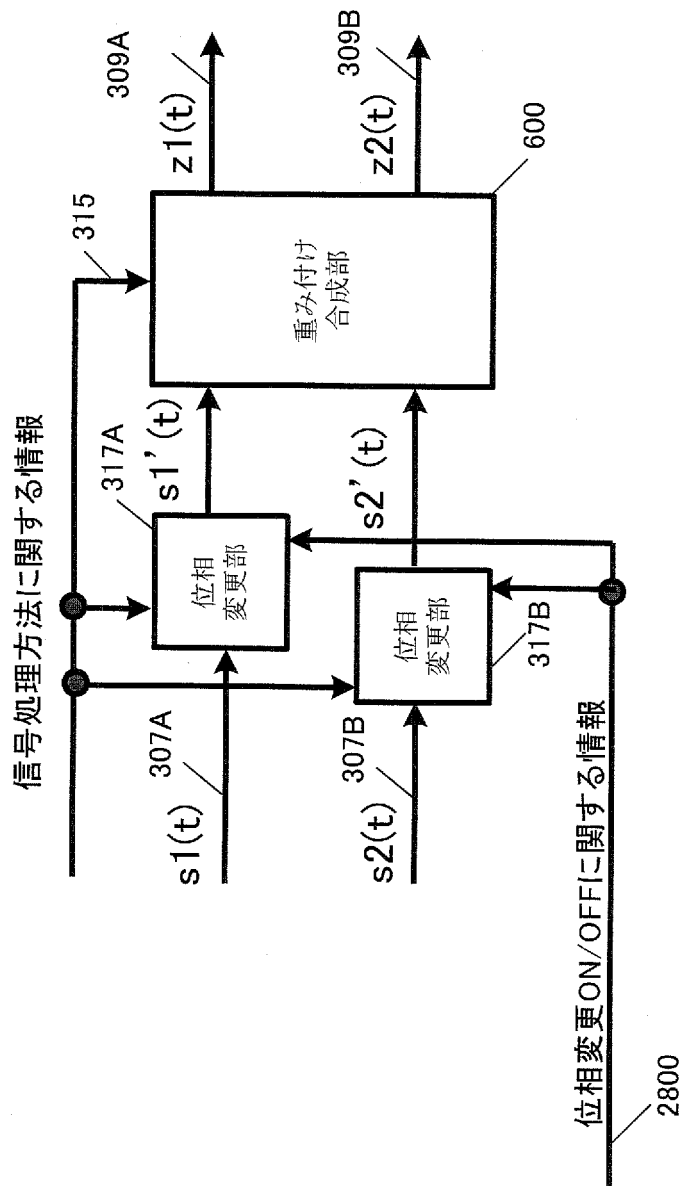
位相変更部の位相変更式 $y_1(t)$ 、 $y_2(t)$ の変更例

時刻 u	時刻 $u+1$	時刻 $u+2$	時刻 $u+3$	時刻 $u+k$
$y_1(u) = e^{j0}$	$y_1(u+1) = e^{j\frac{\pi}{4}}$	$y_1(u+2) = e^{j\frac{\pi}{2}}$	$y_1(u+3) = e^{j\frac{3\pi}{4}}$	$y_1(u+k) = e^{j\frac{k\pi}{4}}$
$y_2(u) = e^{-j\frac{\pi}{2}}$	$y_2(u+1) = e^{-j\frac{3\pi}{4}}$	$y_2(u+2) = e^{-j\pi}$	$y_2(u+3) = e^{-j\frac{5\pi}{4}}$	$y_2(u+k) = e^{j\left(-\frac{k\pi}{4} - \frac{\pi}{2}\right)}$

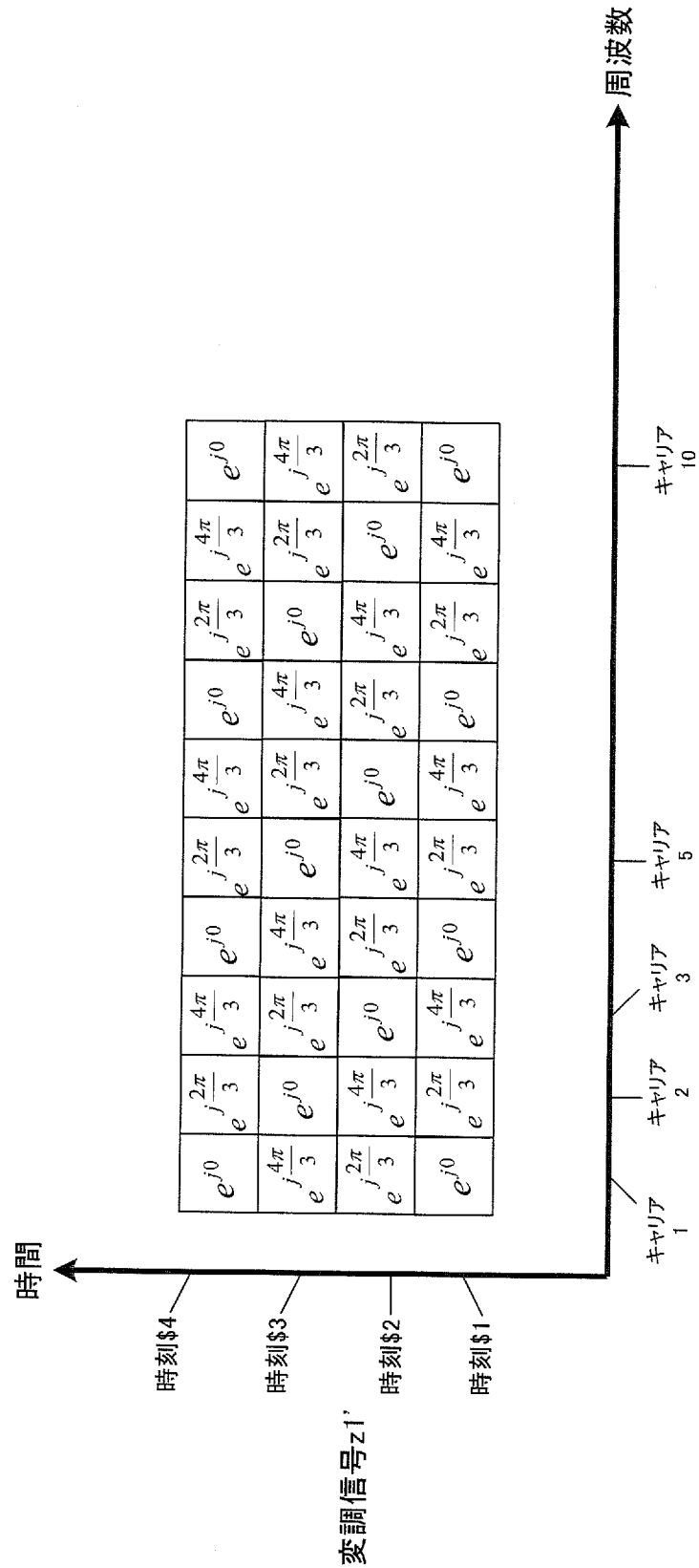
[図28]



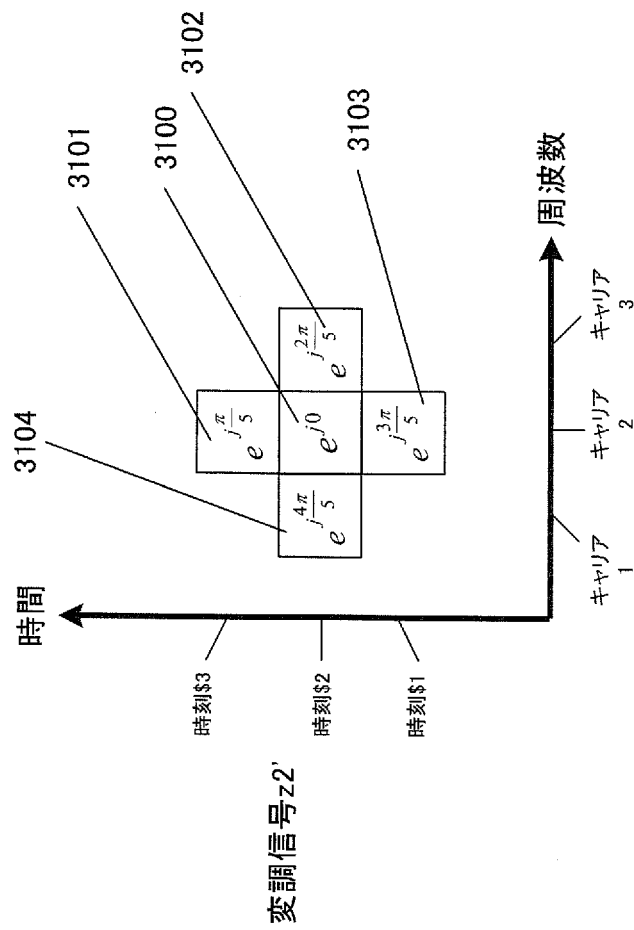
[図29]



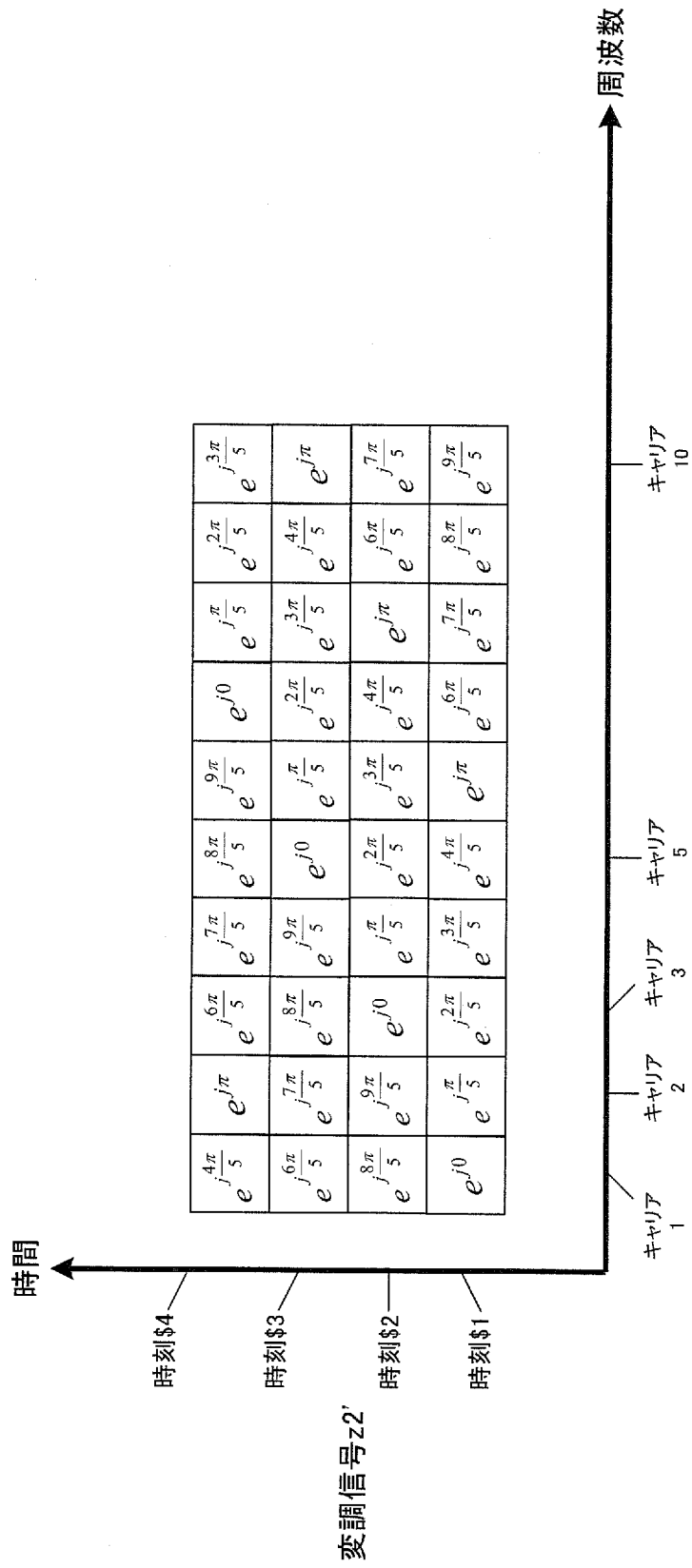
[図30]



[図31]



[図32]



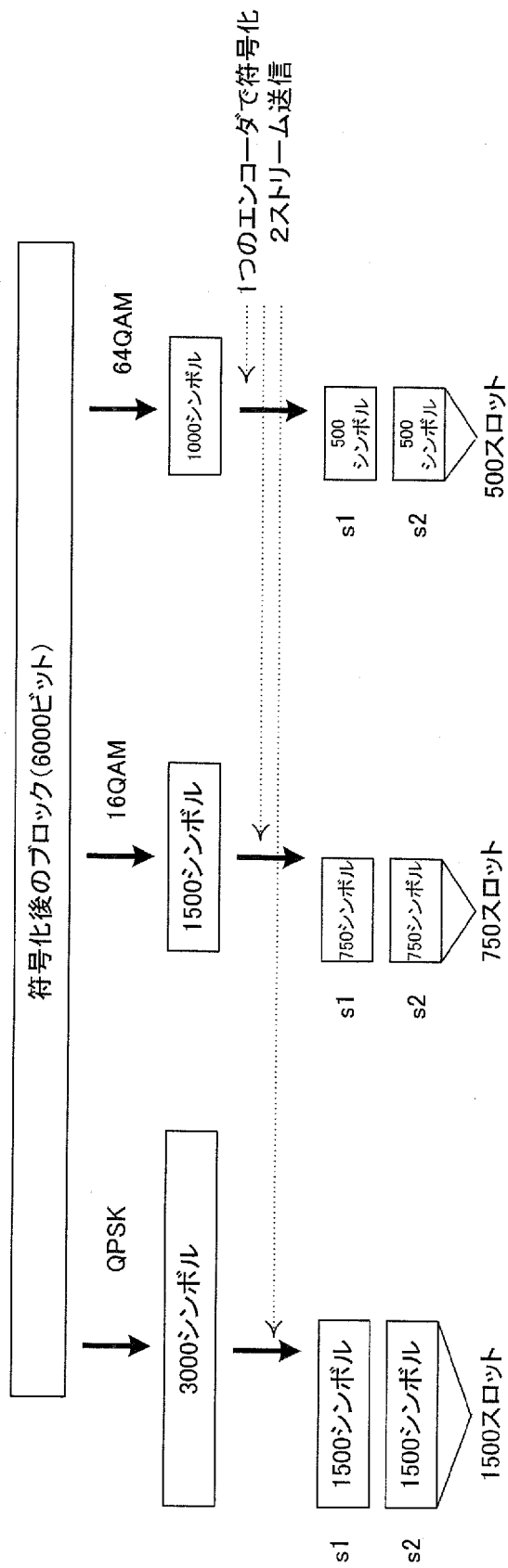
変調信号 z_1'

時刻\$4	時刻\$3	時刻\$2	時刻\$1
$e^{j\frac{\pi}{3}}$	$e^{j\frac{\pi}{3}}$	$e^{j\frac{\pi}{9}}$	$e^{j\frac{\pi}{3}}$
$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$
$e^{j\frac{\pi}{3}}$	$e^{j\frac{\pi}{3}}$	$e^{j\frac{\pi}{9}}$	$e^{j\frac{\pi}{3}}$
$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$	$e^{j\frac{2\pi}{9}}$

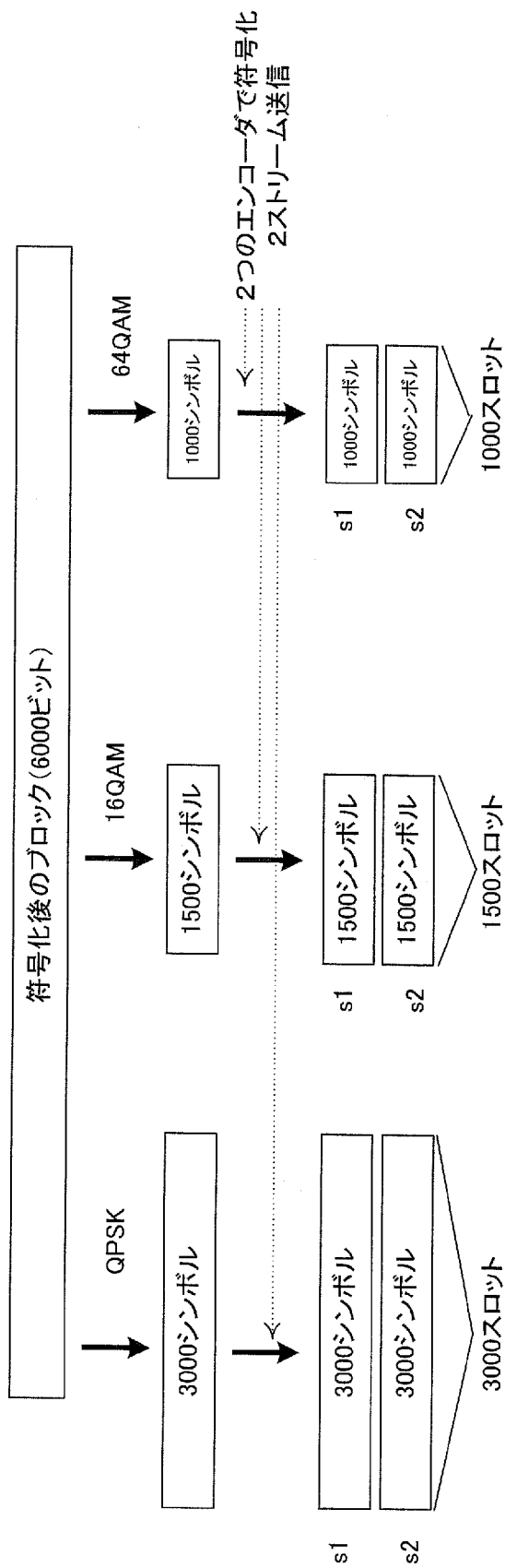
周波数

キャリア 1 2 3 5 10

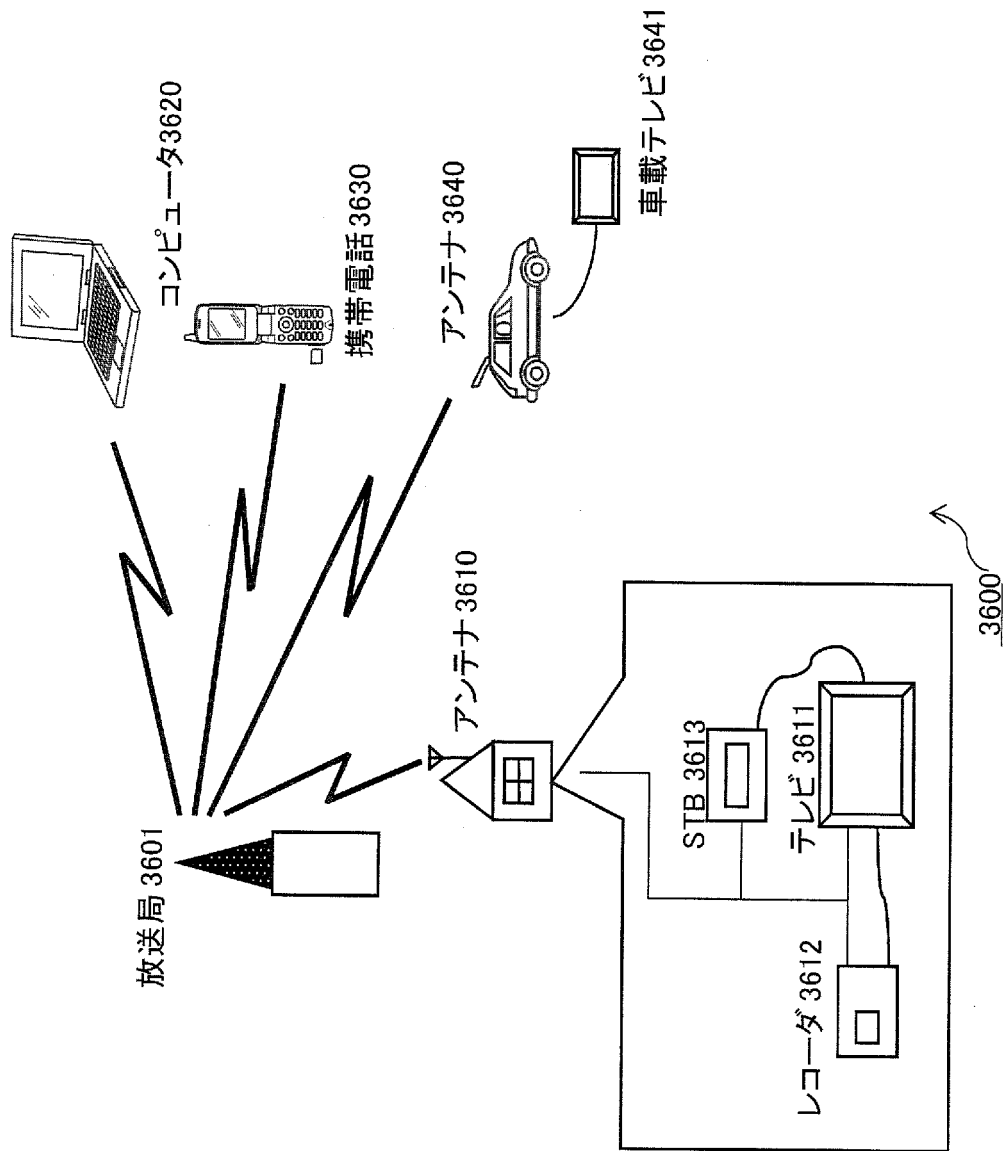
[図34]



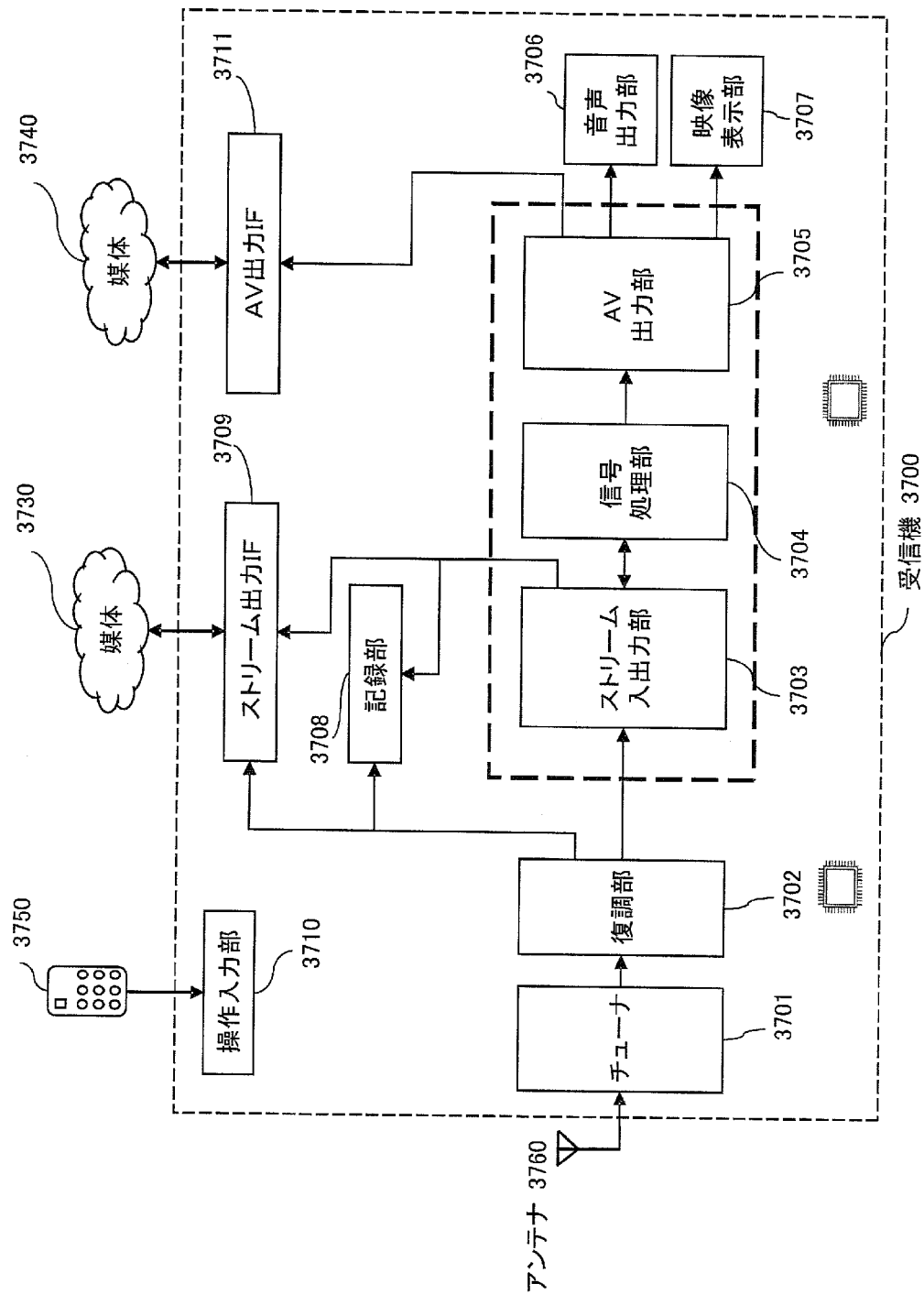
[図35]



[図36]



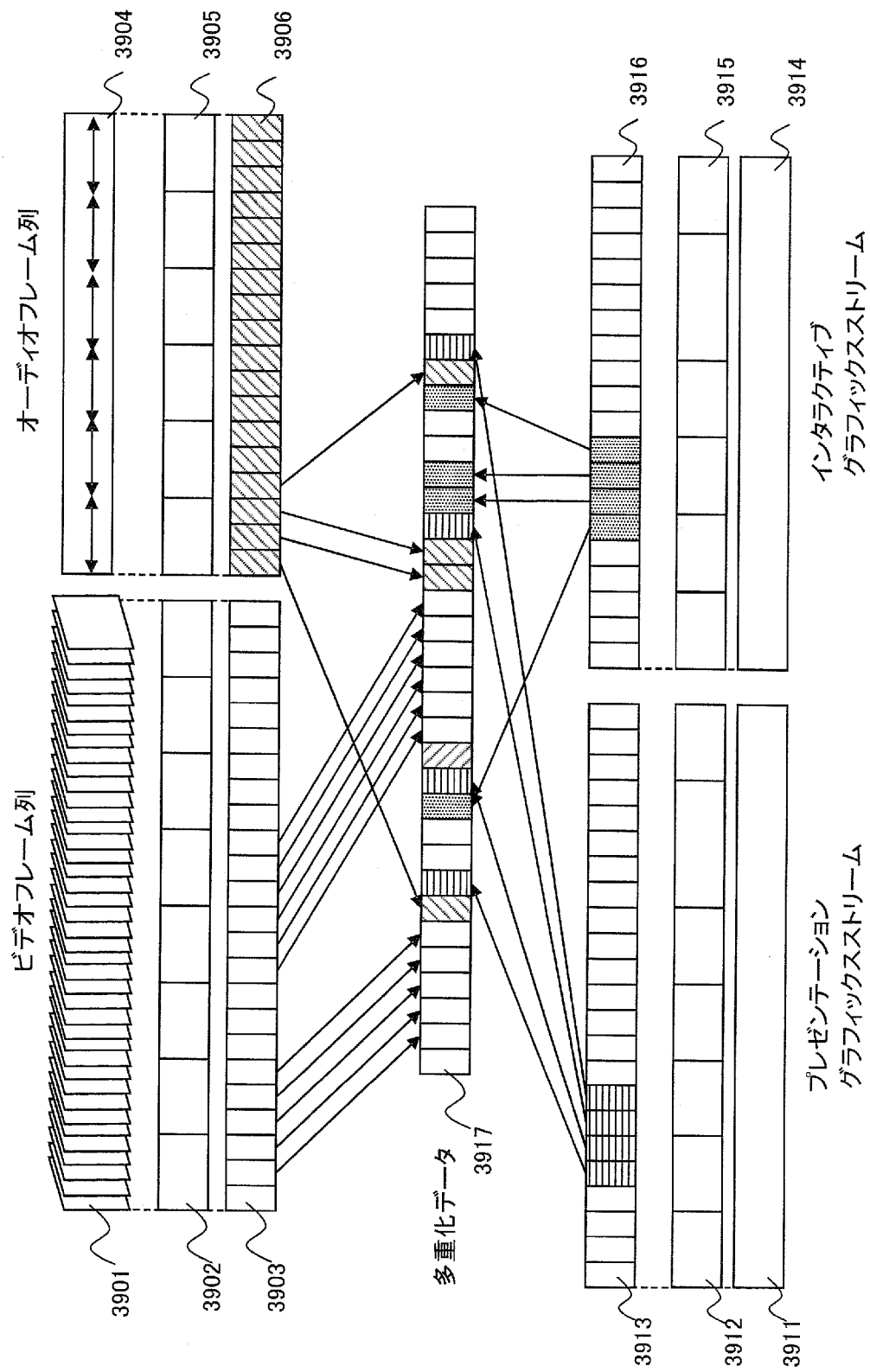
[図37]



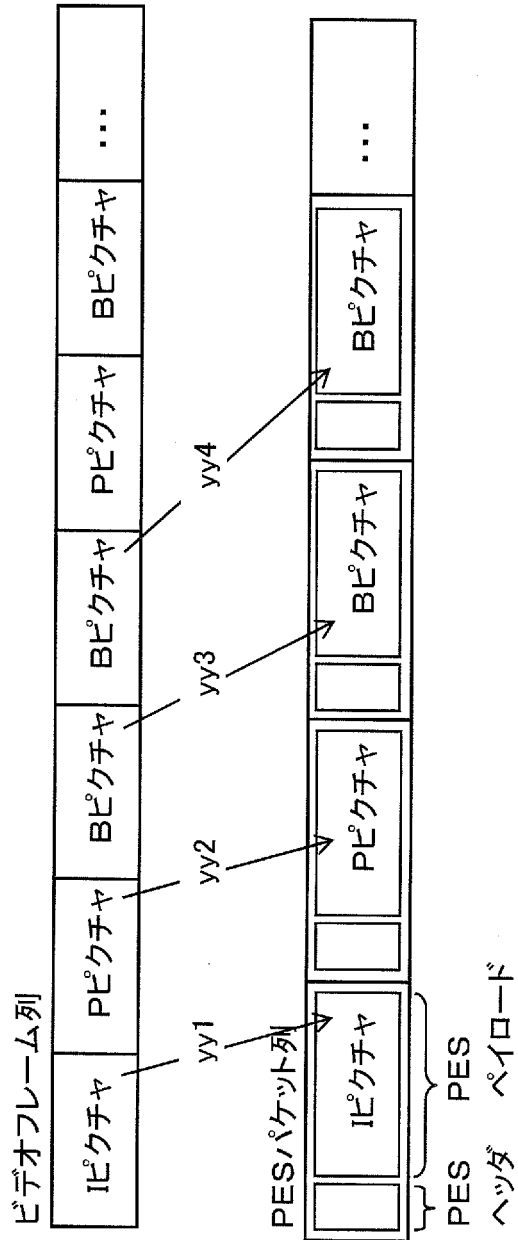
[図38]

ビデオストリーム (PID=0x1011 主映像)
オーディオストリーム (PID=0x1100)
オーディオストリーム (PID=0x1101)
プレゼンテーショングラフィックスストリーム (PID=0x1200)
プレゼンテーショングラフィックスストリーム (PID=0x1201)
インタラクティブグラフィックスストリーム (PID=0x1400)
ビデオストリーム (PID=0x1B00 副映像)
ビデオストリーム (PID=0x1B01 副映像)

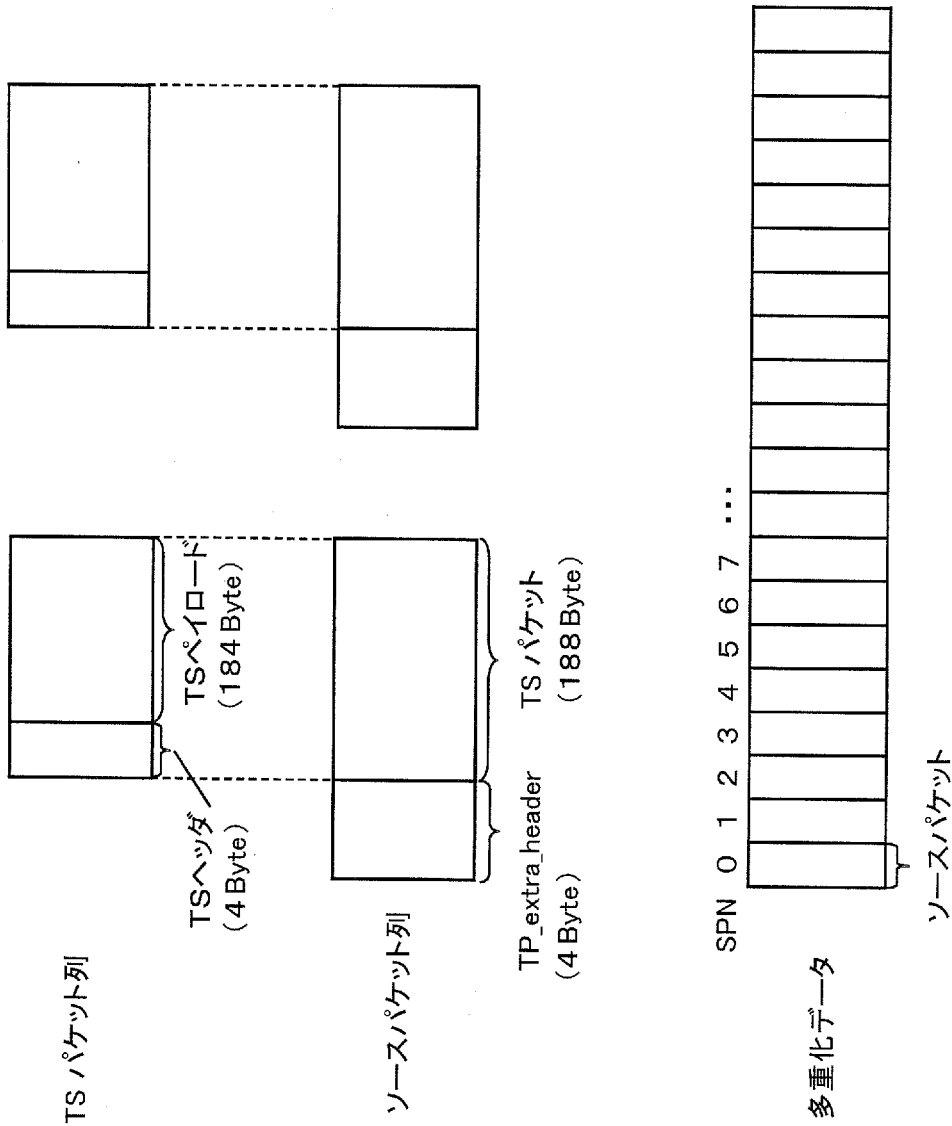
[図39]



[図40]

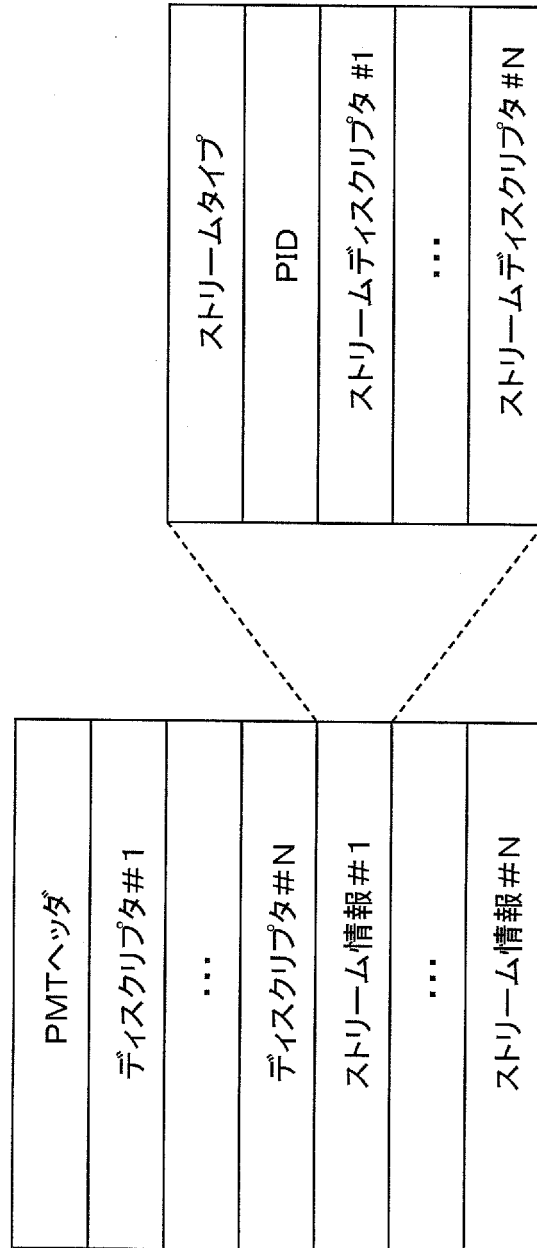


[図41]

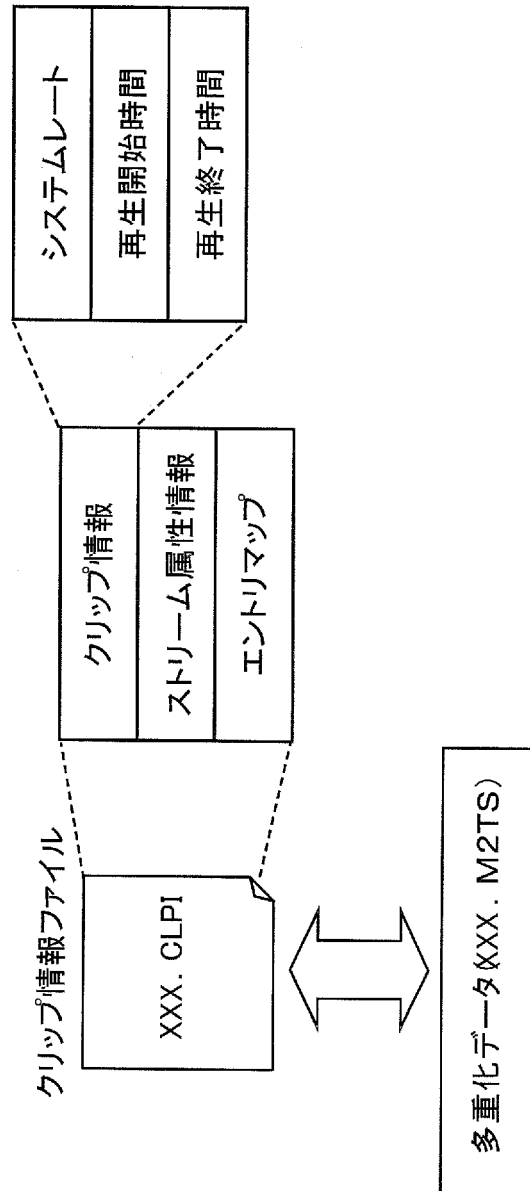


[図42]

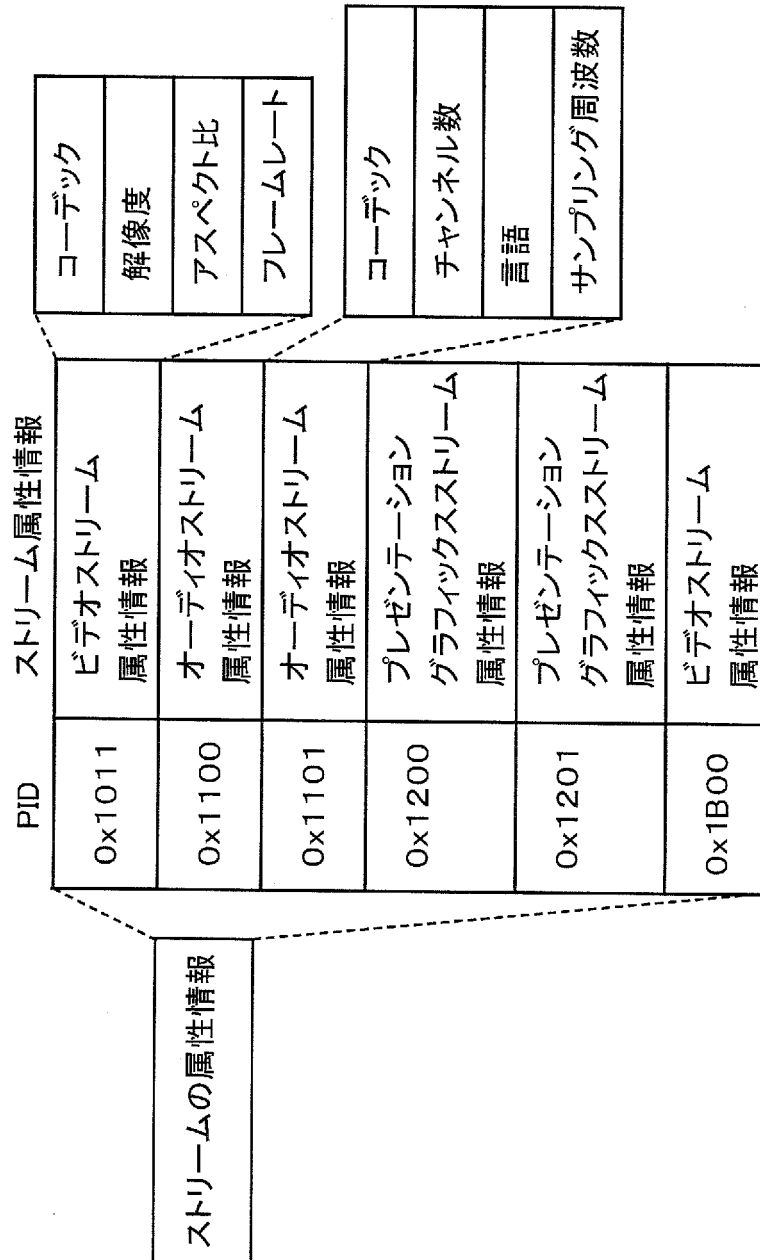
PMTのデータ構造



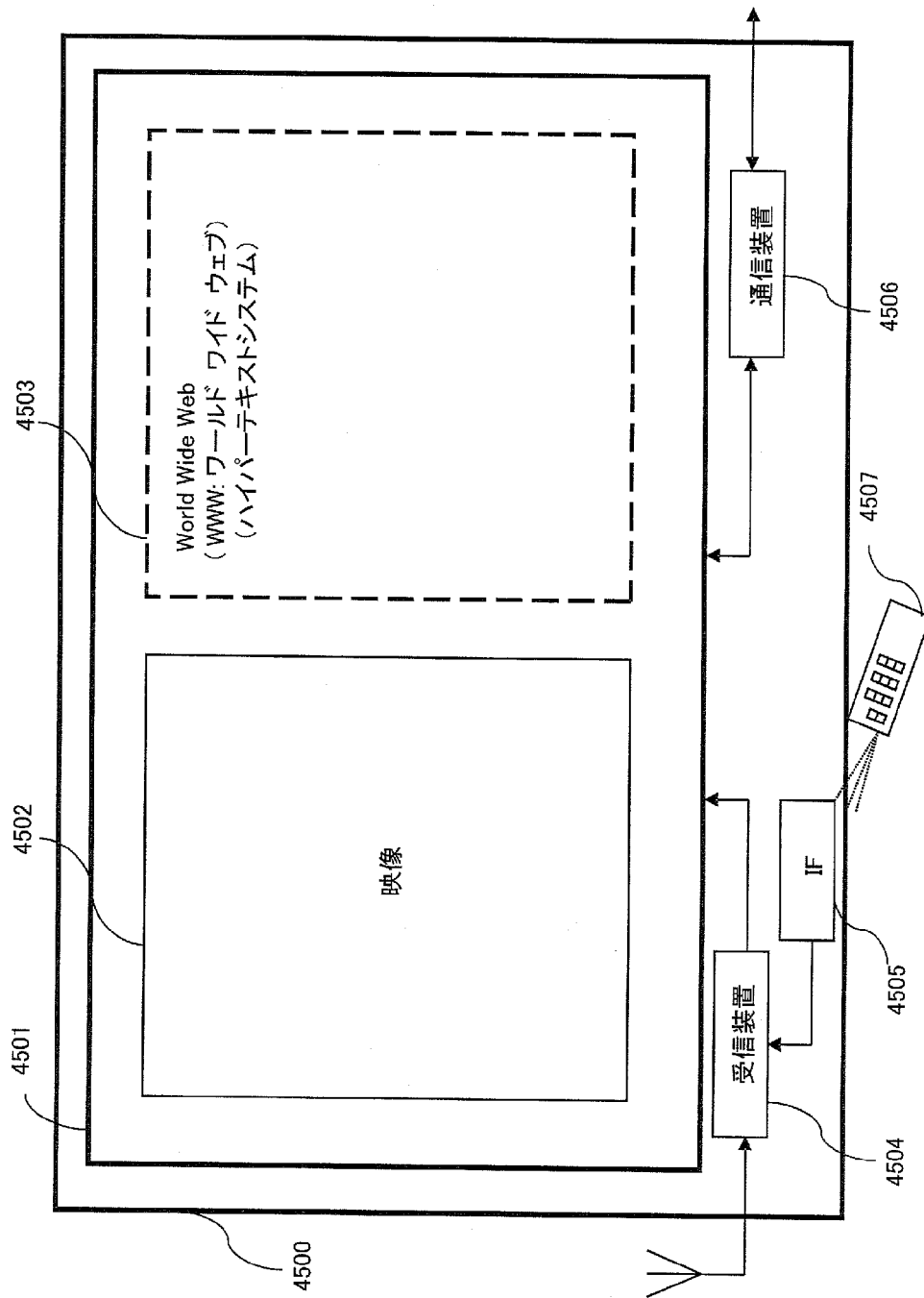
[図43]



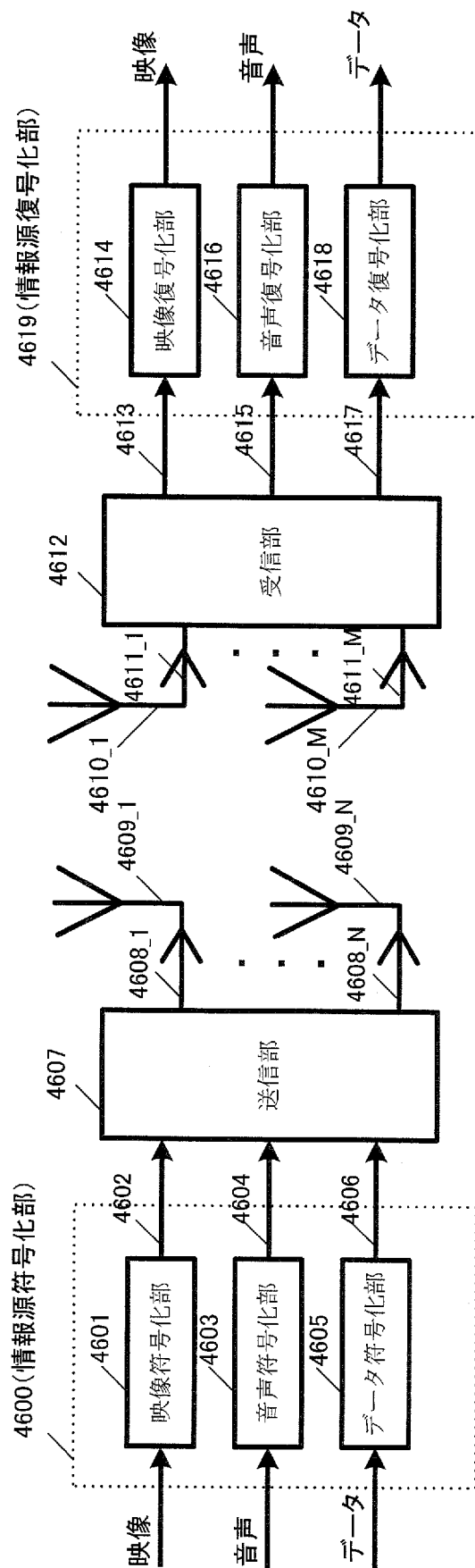
[図44]



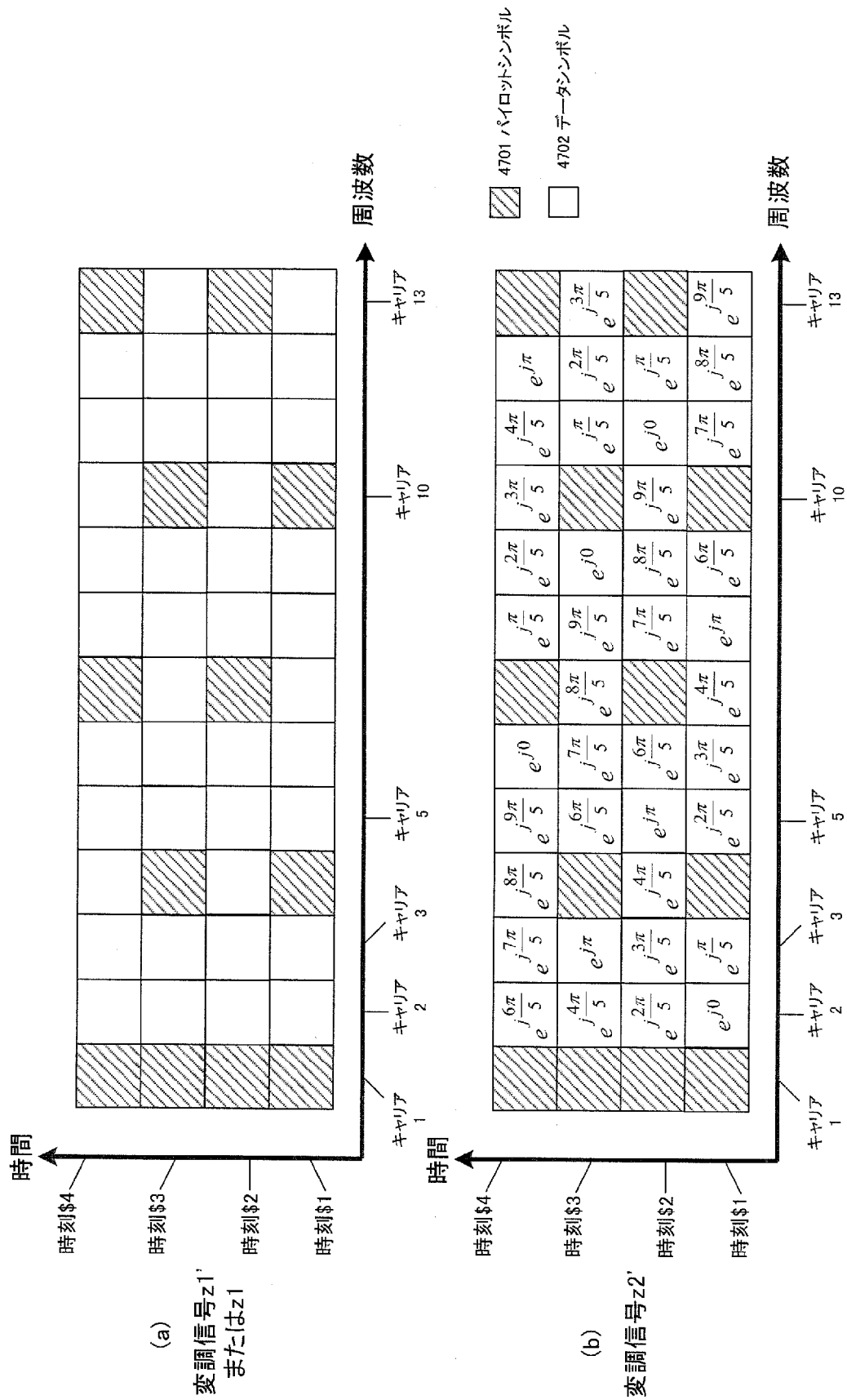
[図45]



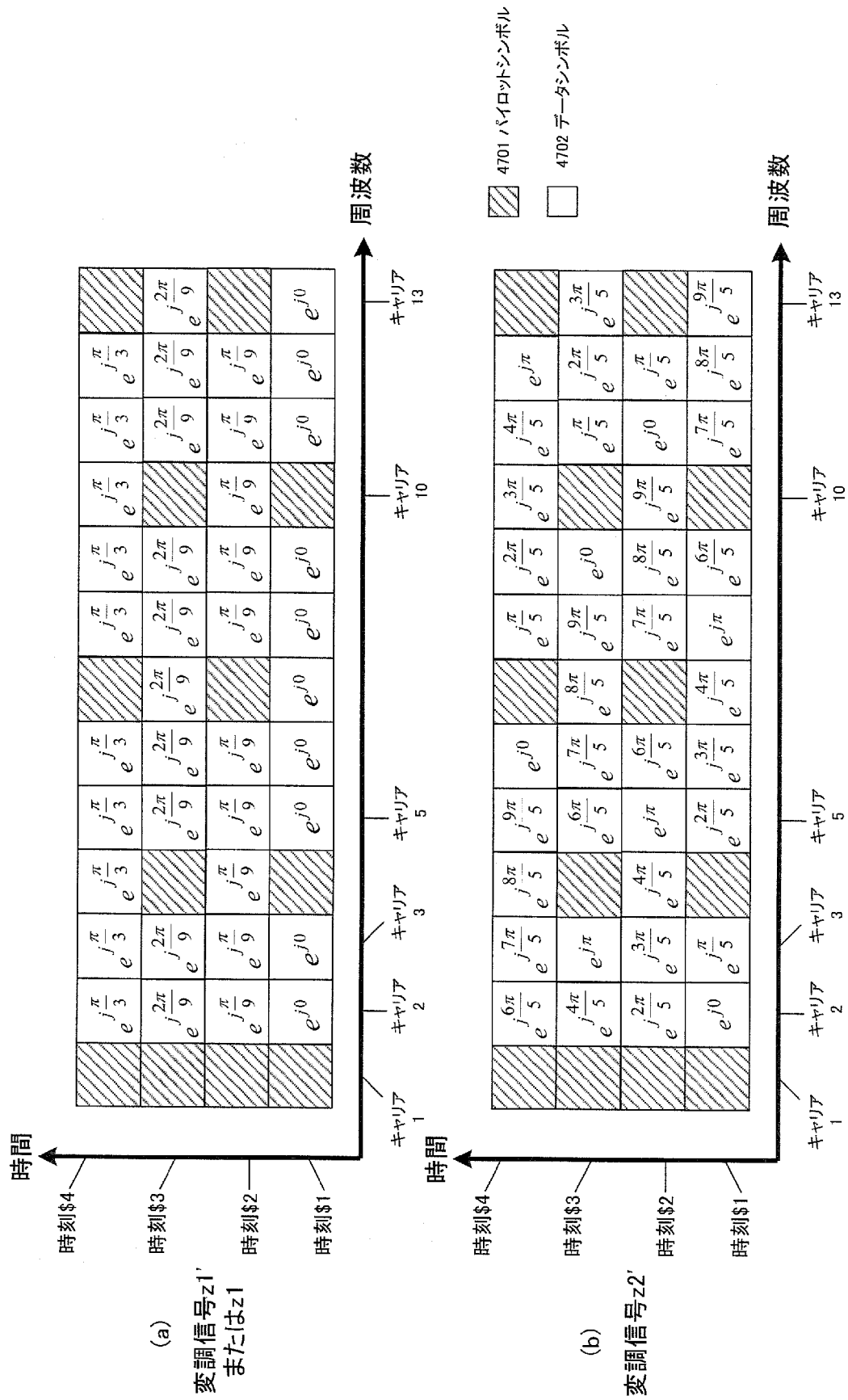
[図46]



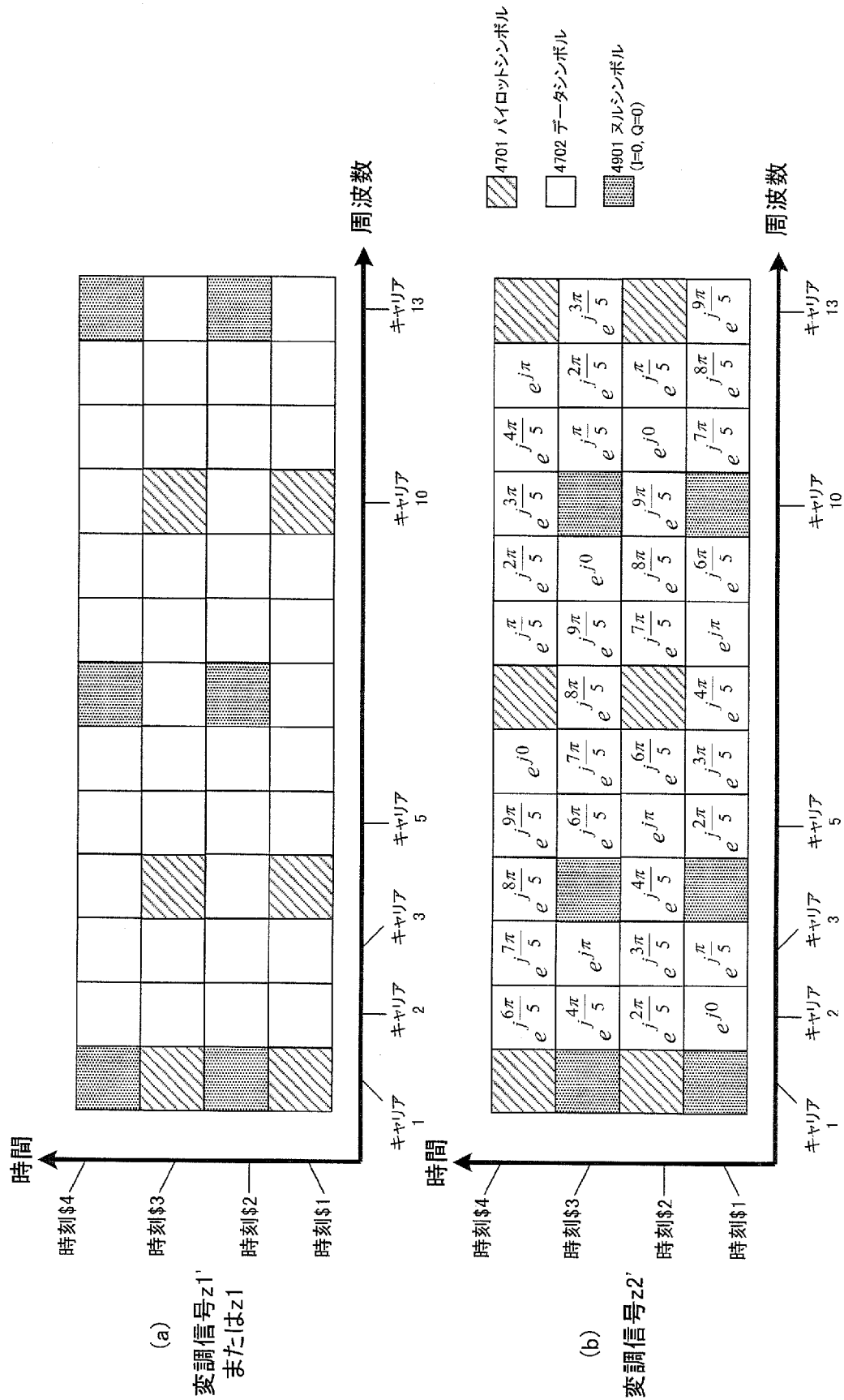
[図47]



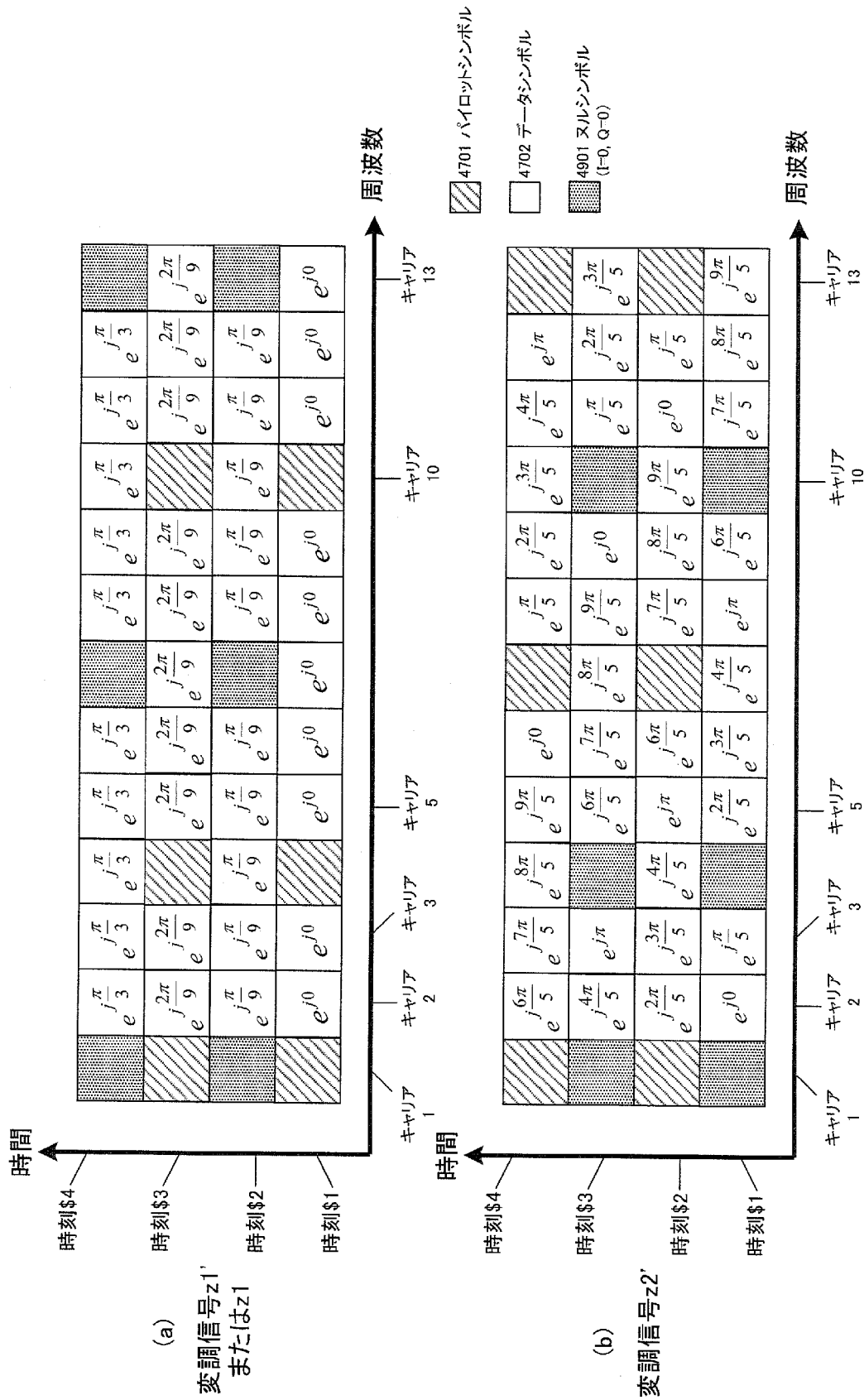
[図48]



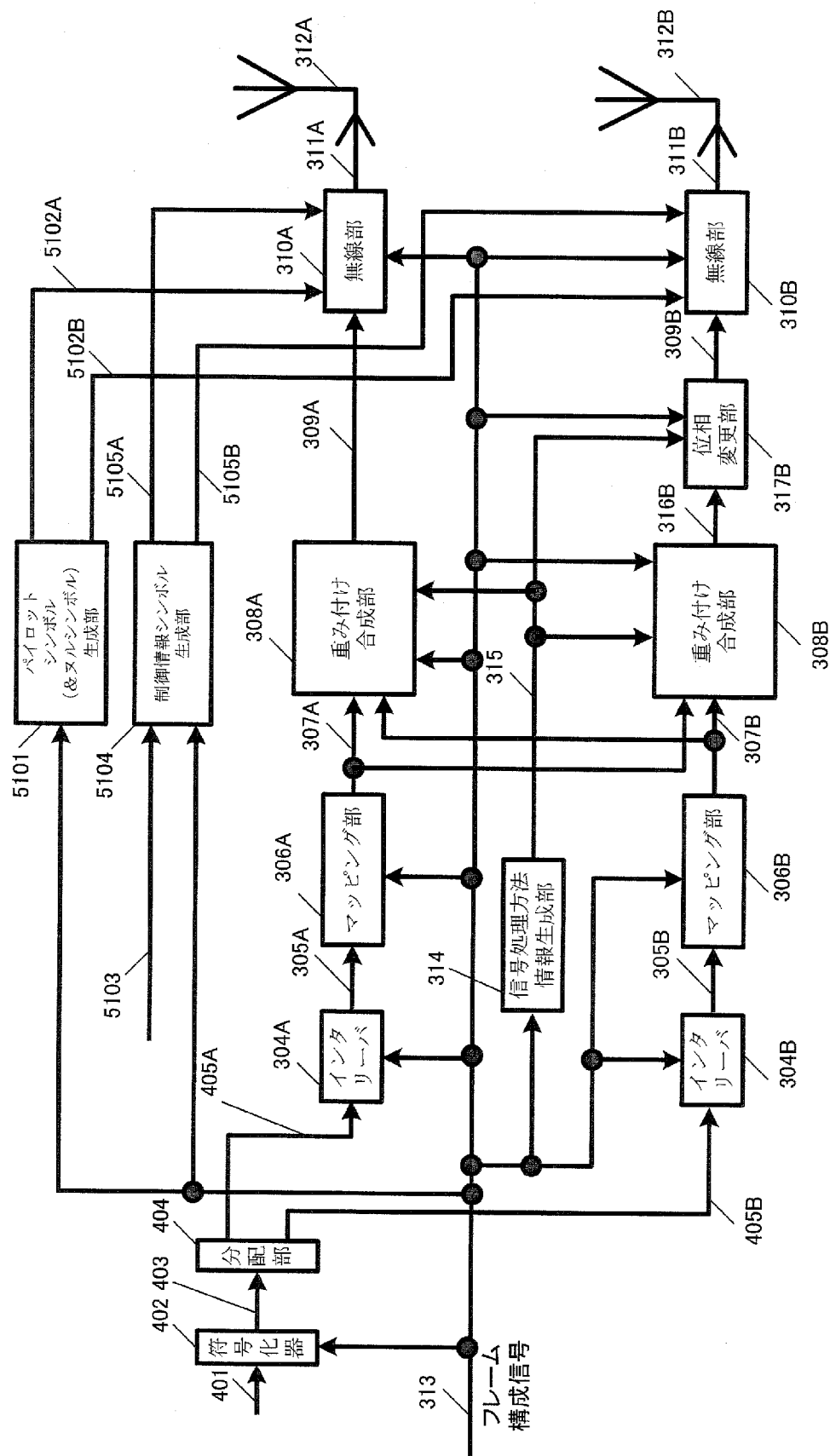
[図49]



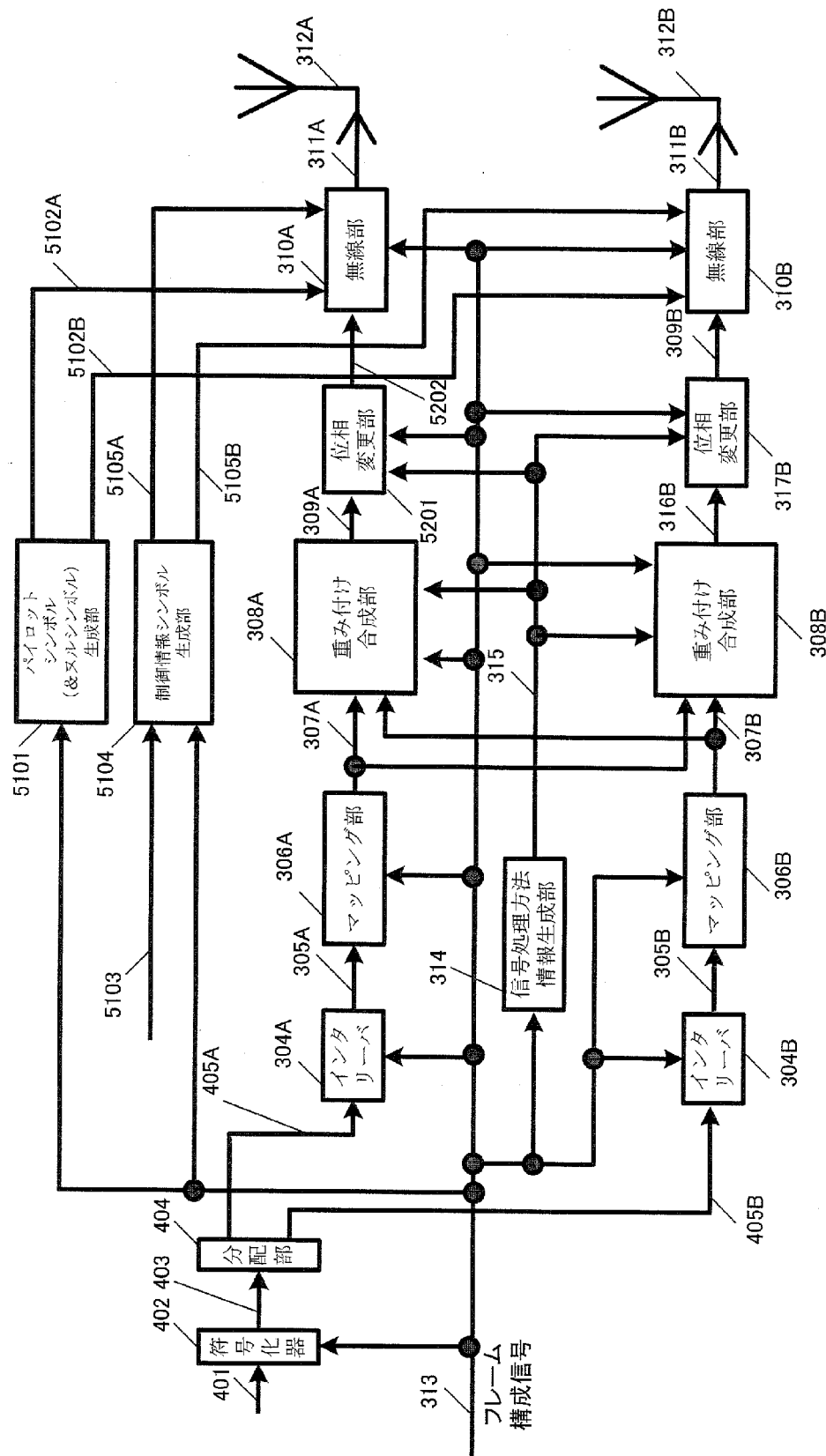
[図50]



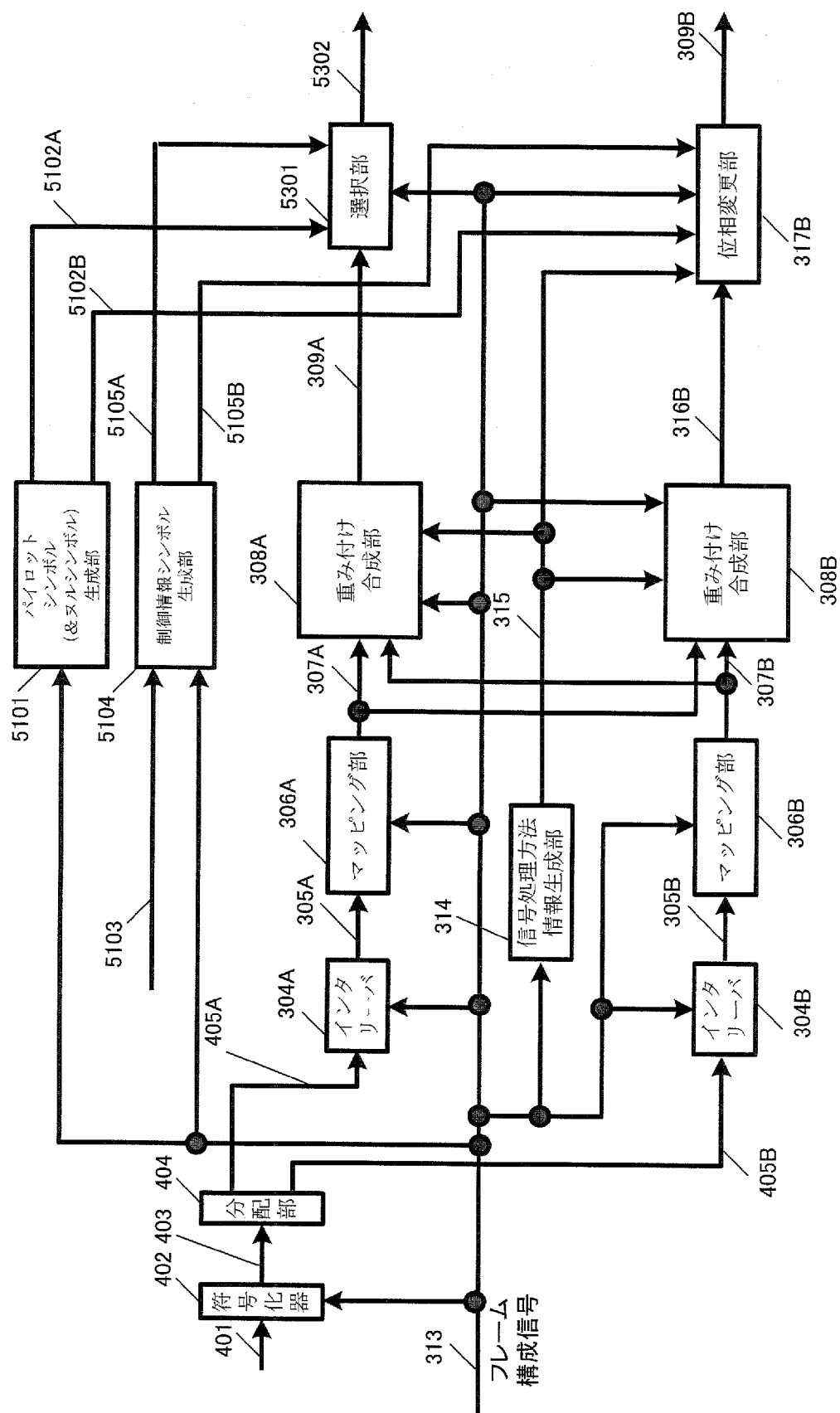
[図51]



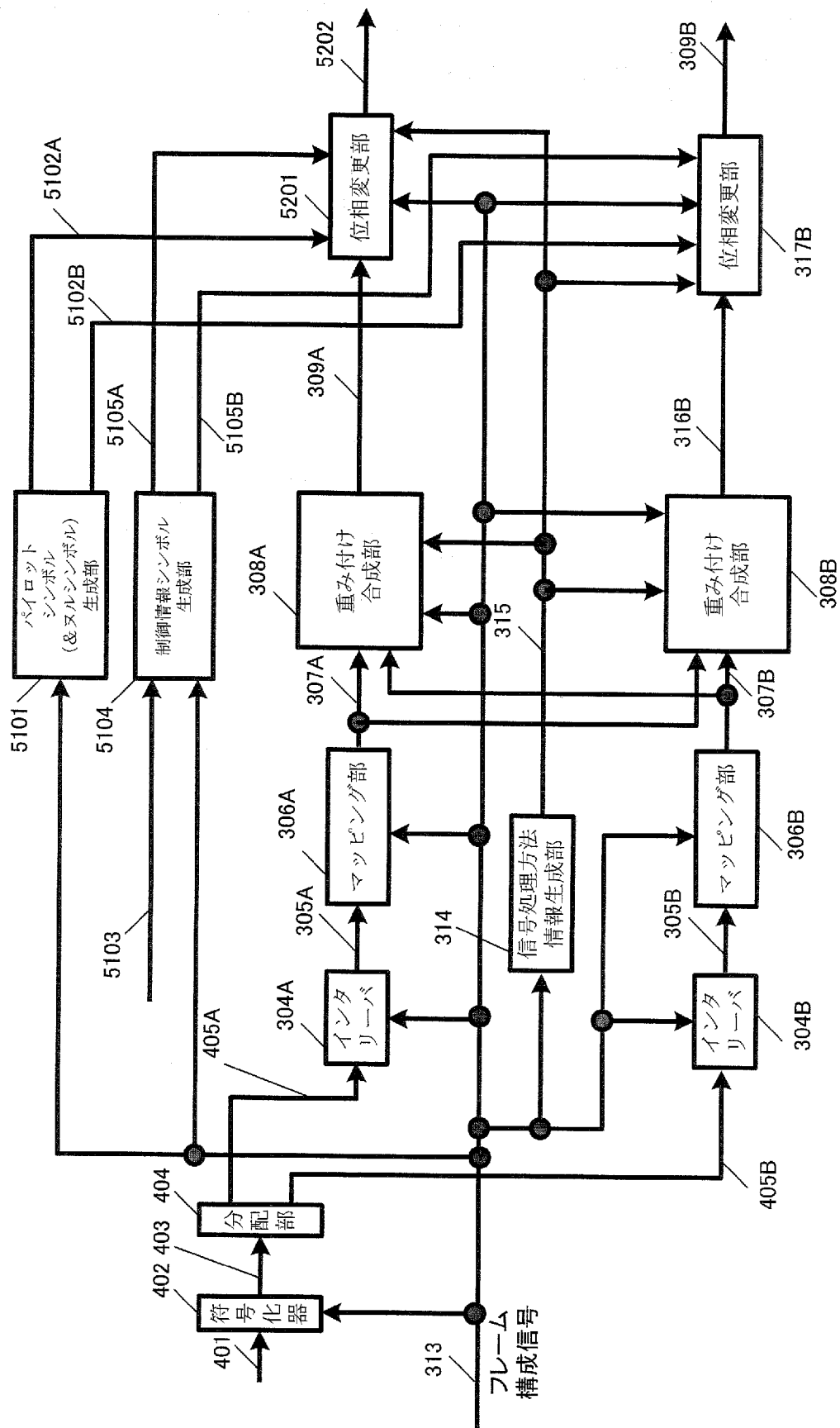
[図52]



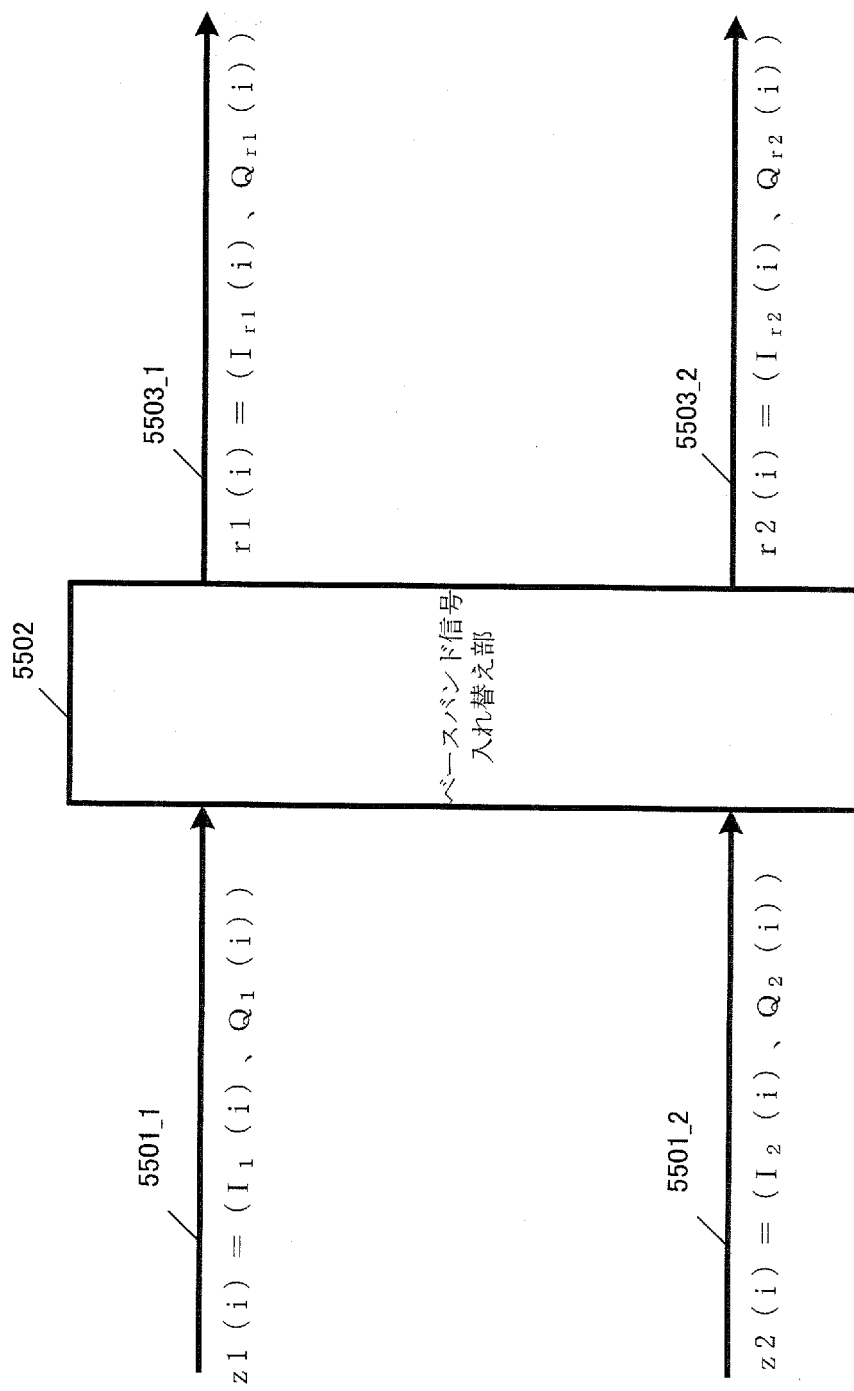
[図53]



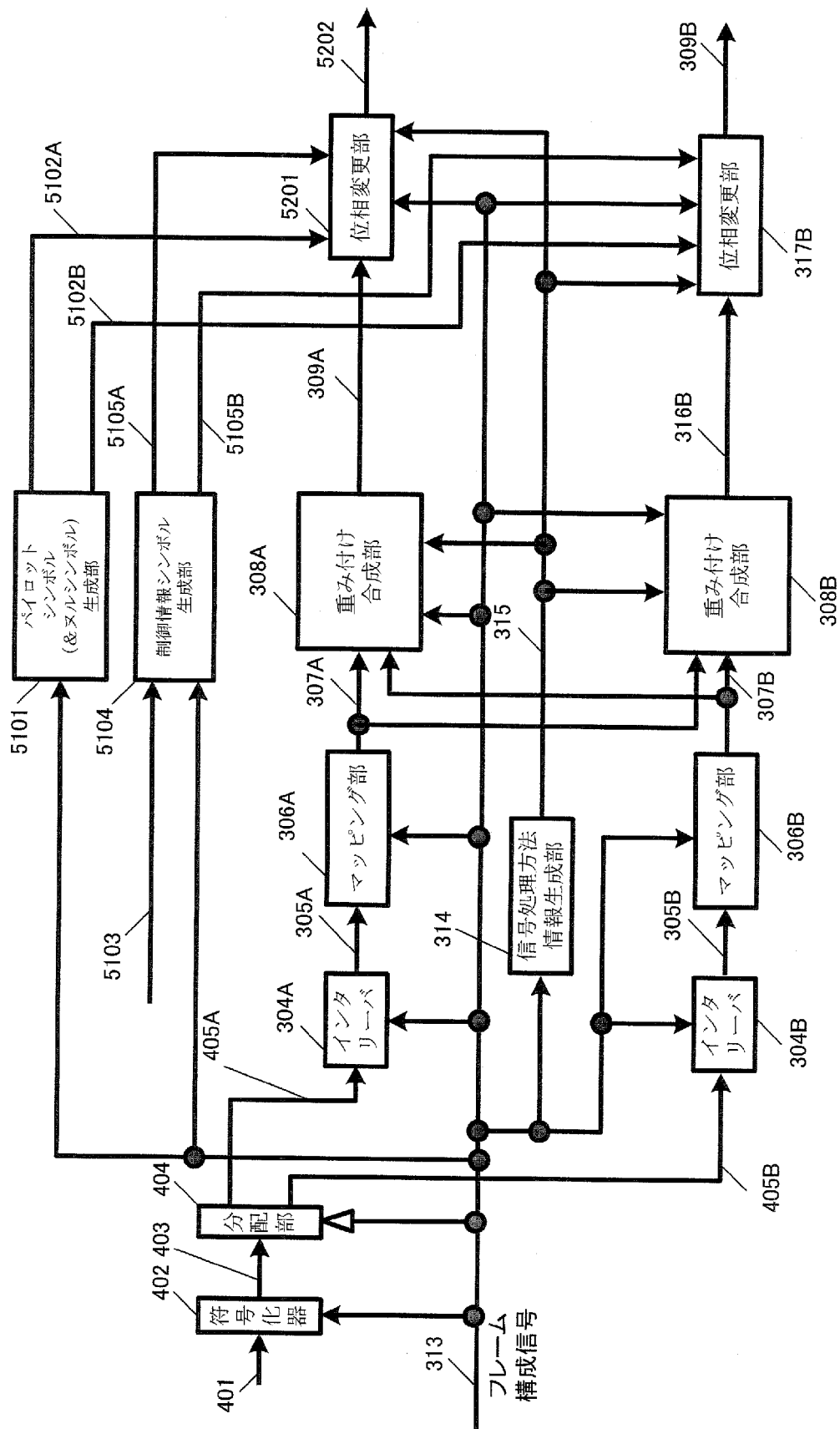
[図54]



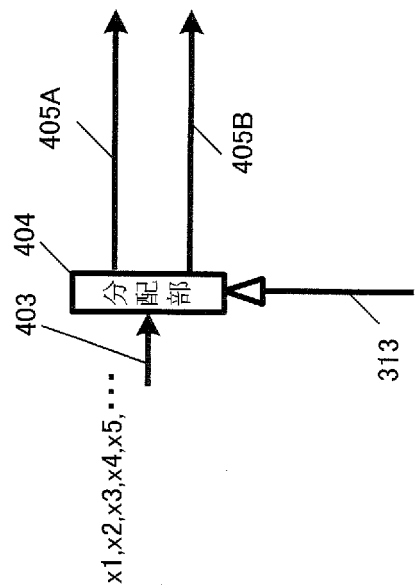
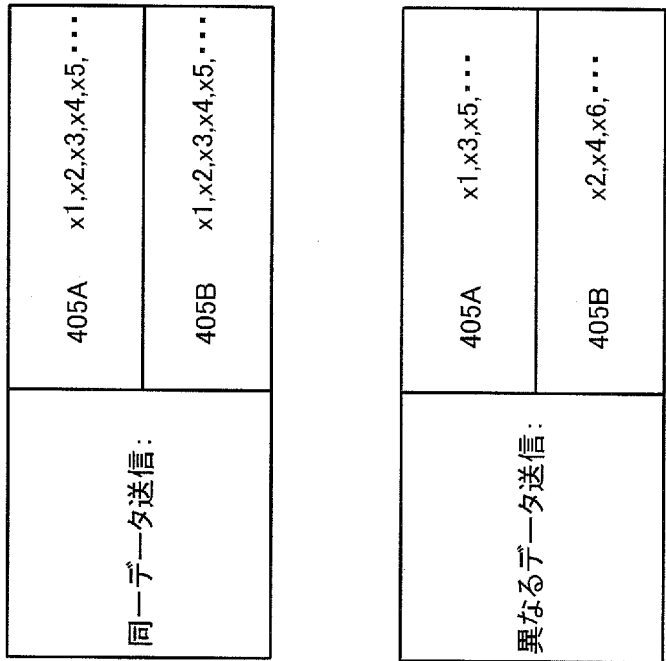
[図55]



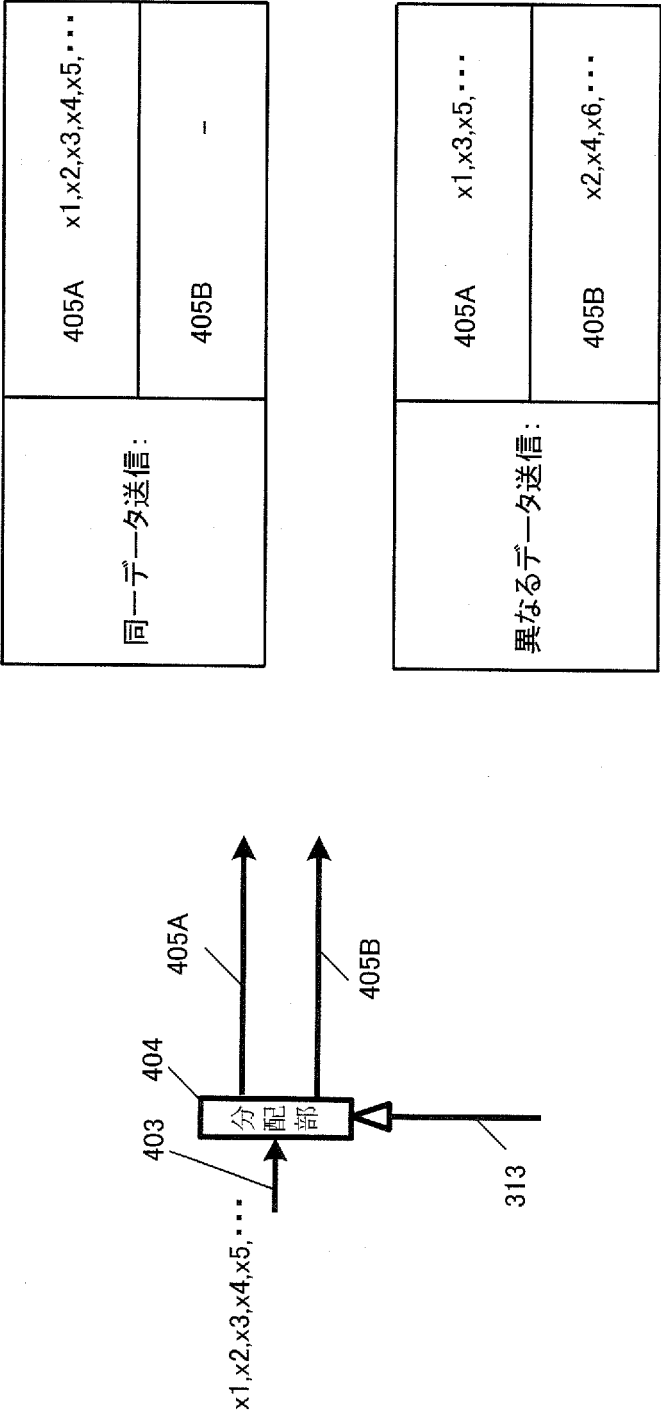
[図56]



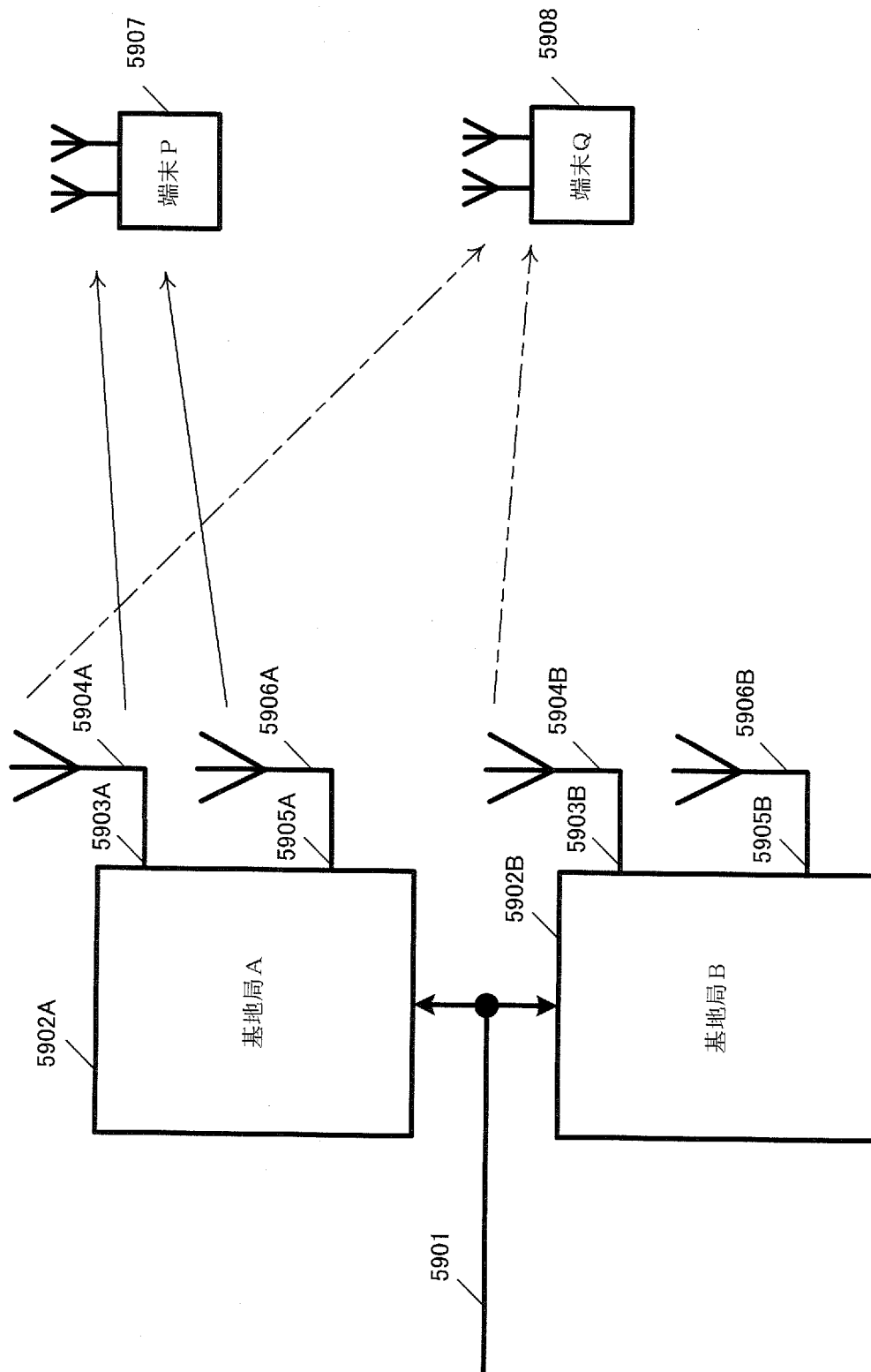
[図57]



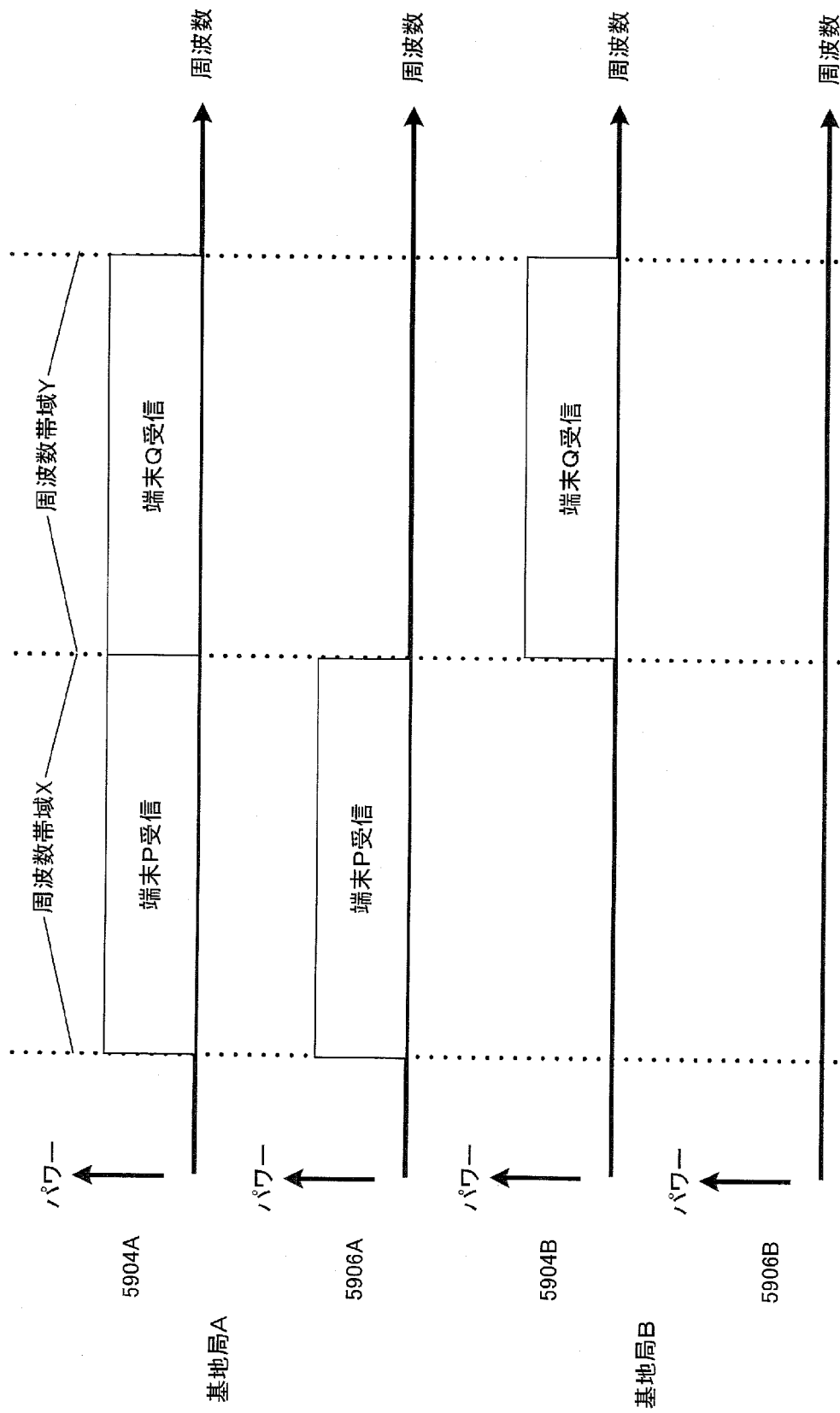
[図58]



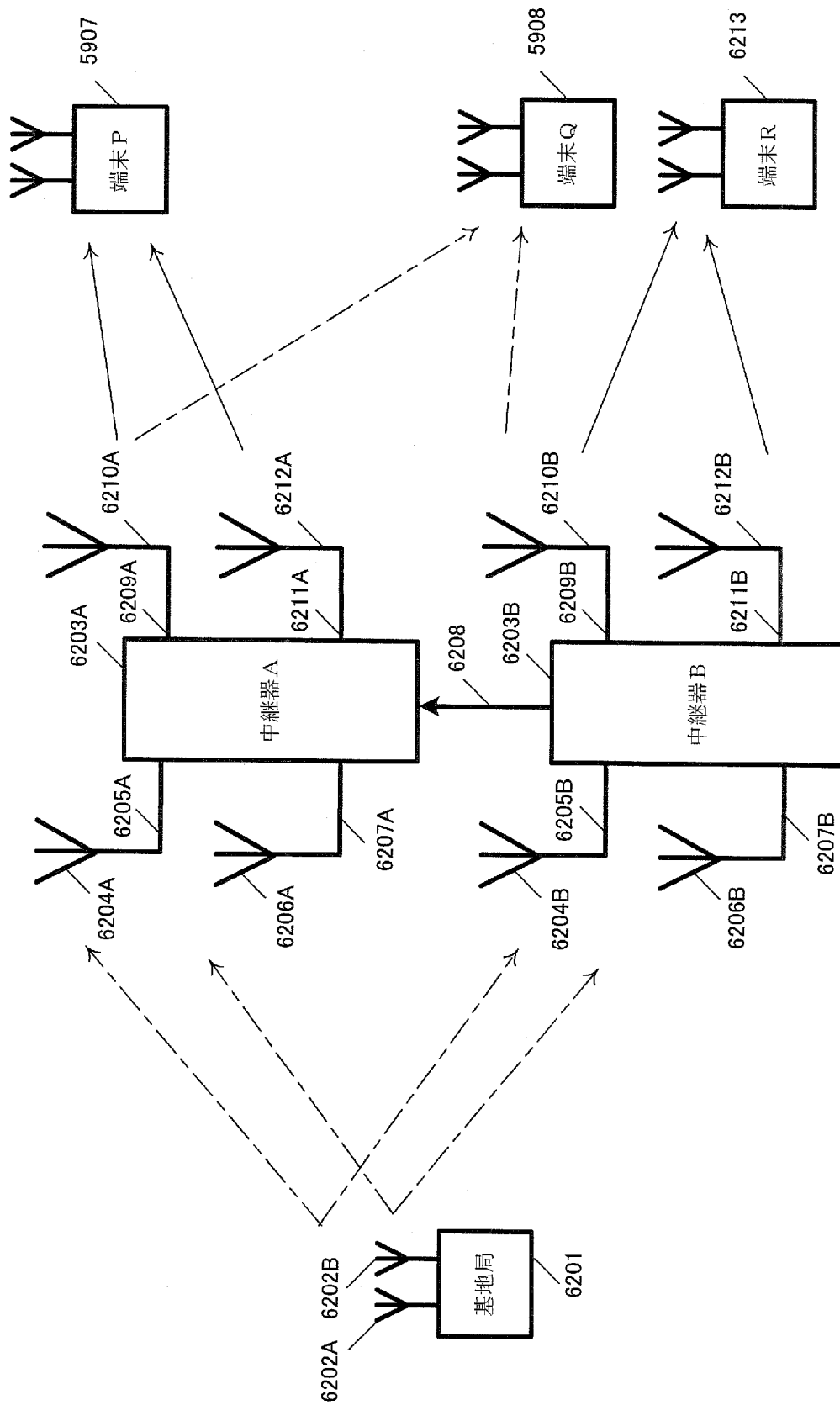
[図59]



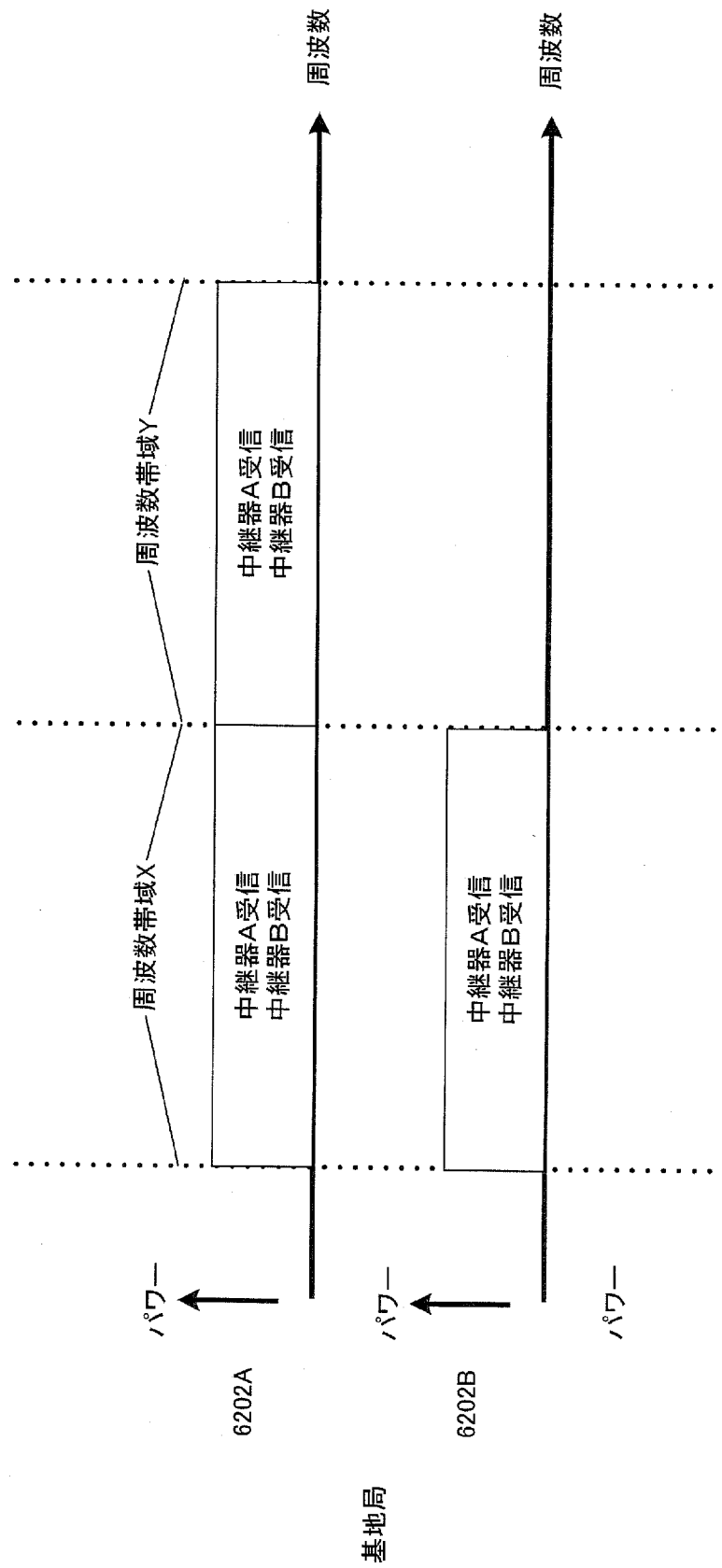
[図60]



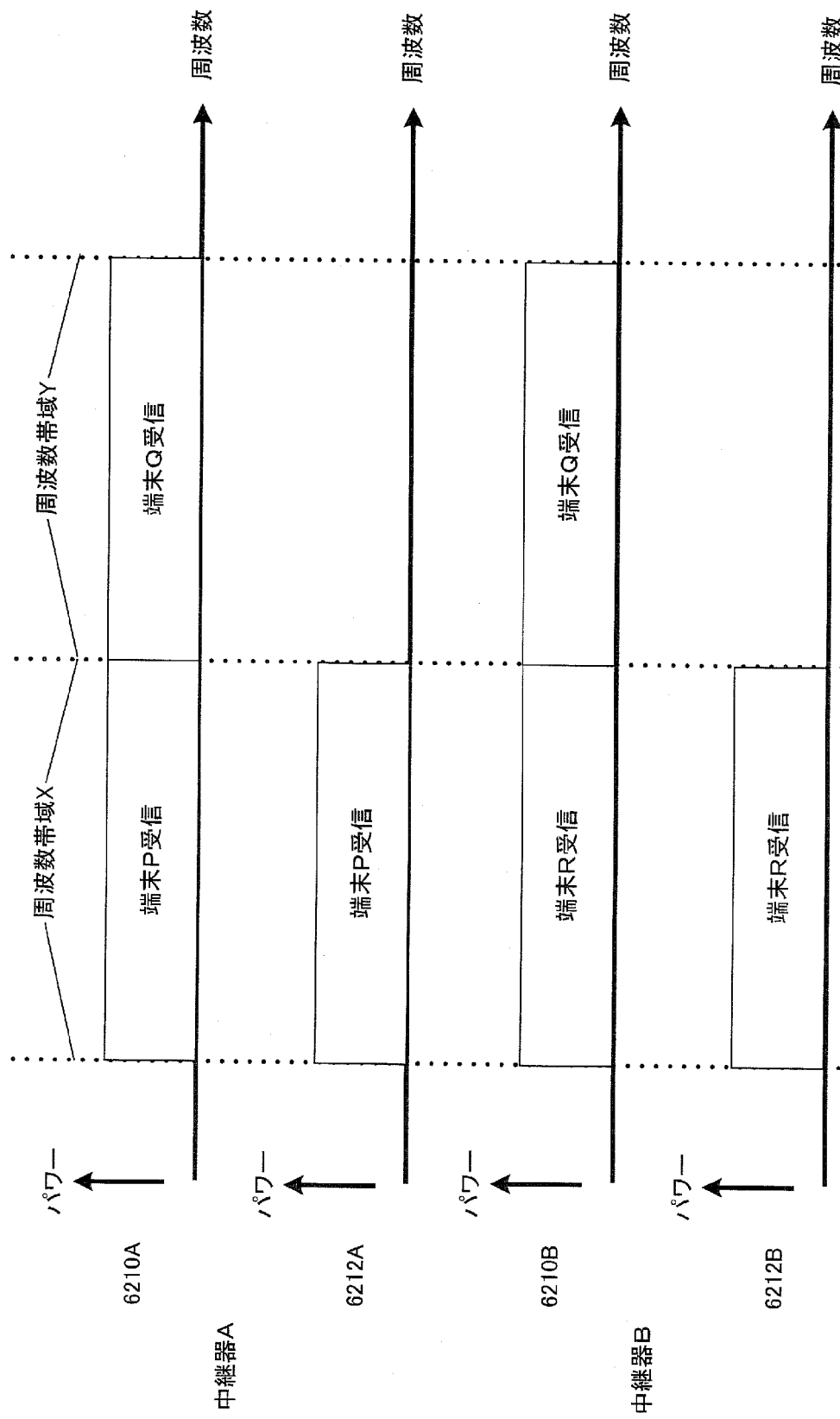
[図62]



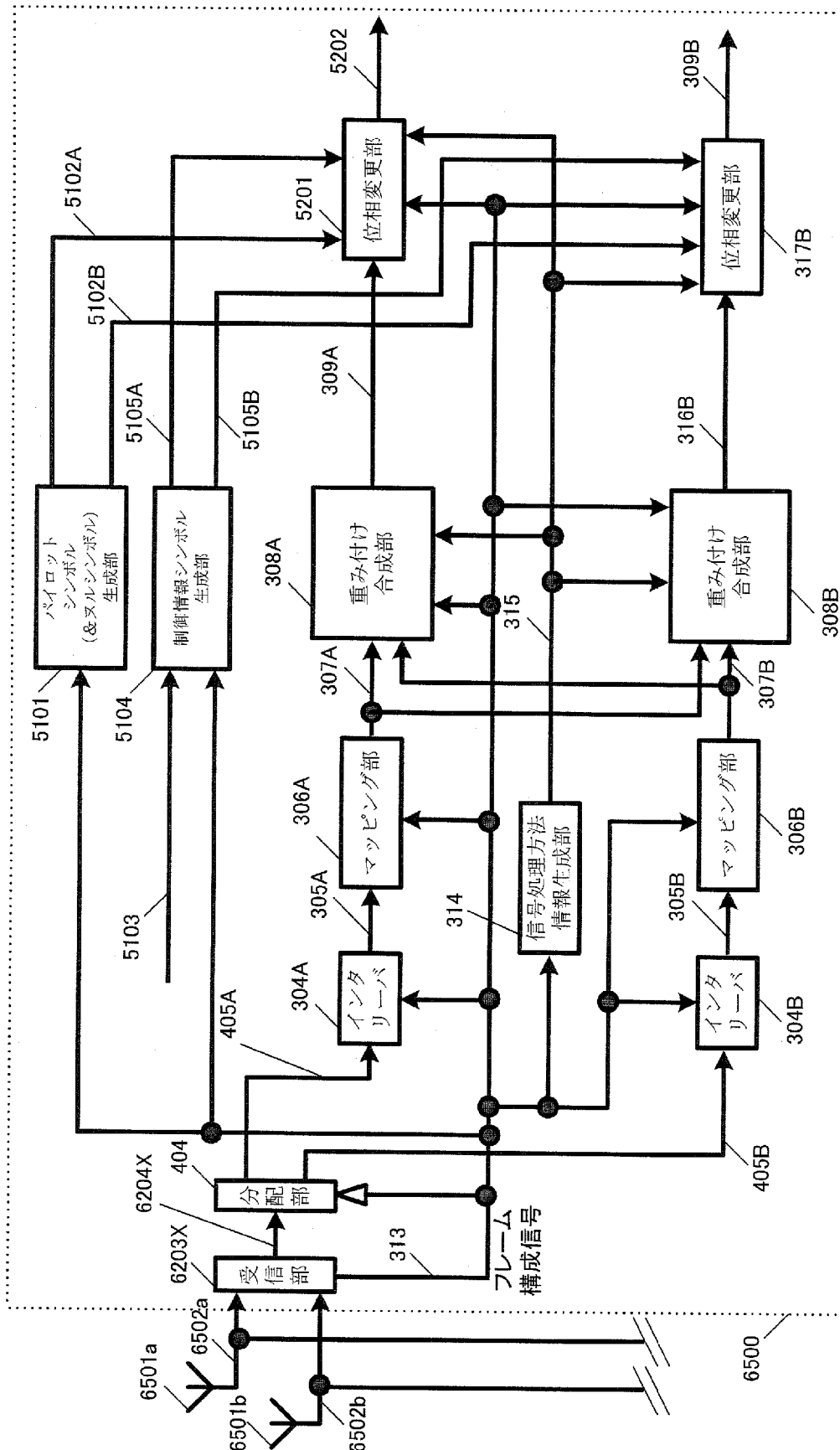
[図63]



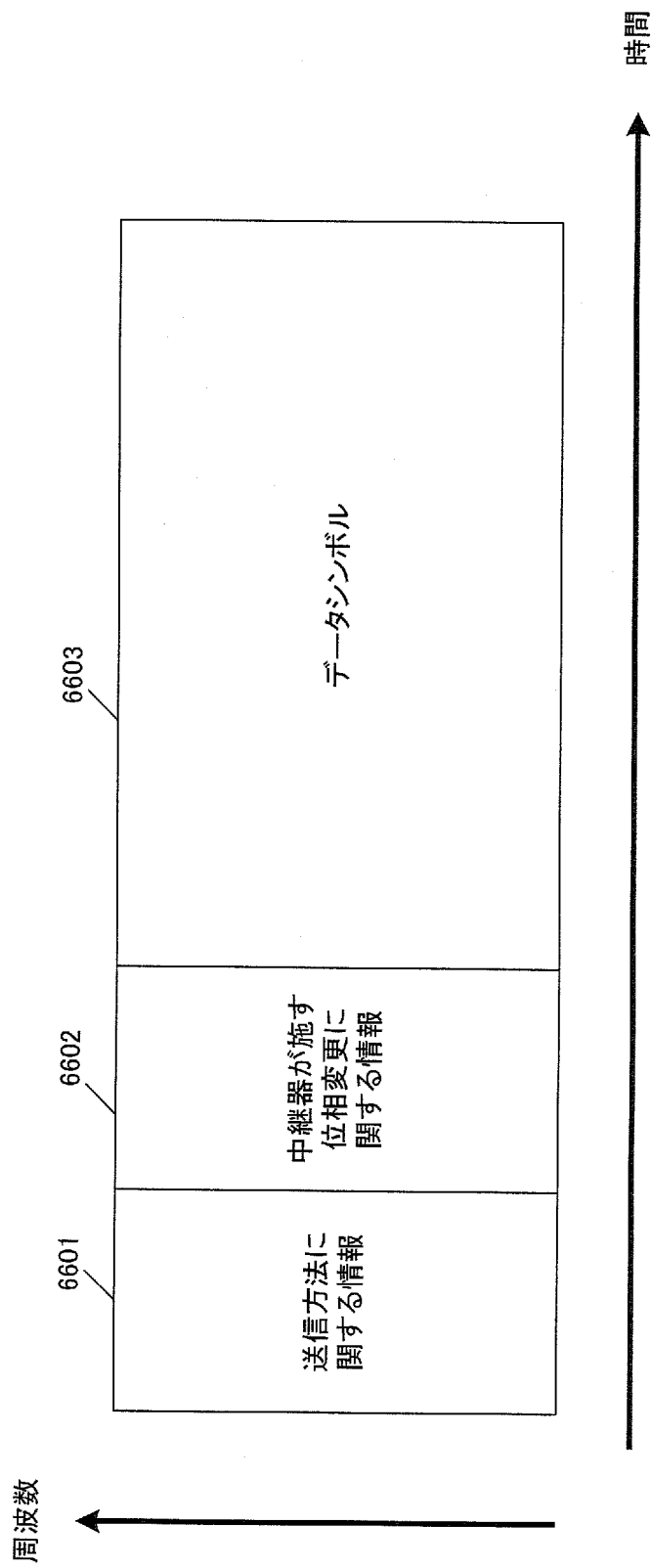
[図64]



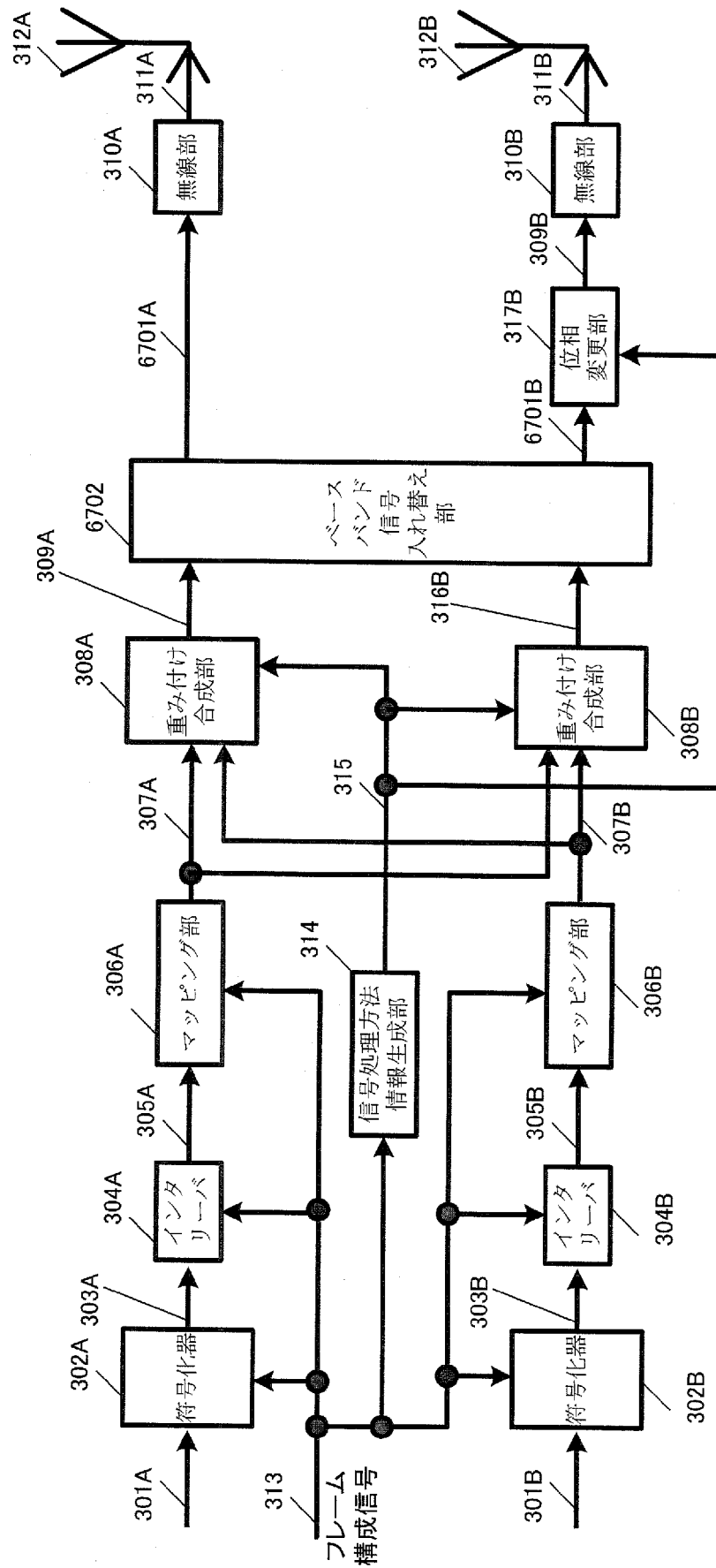
[図65]



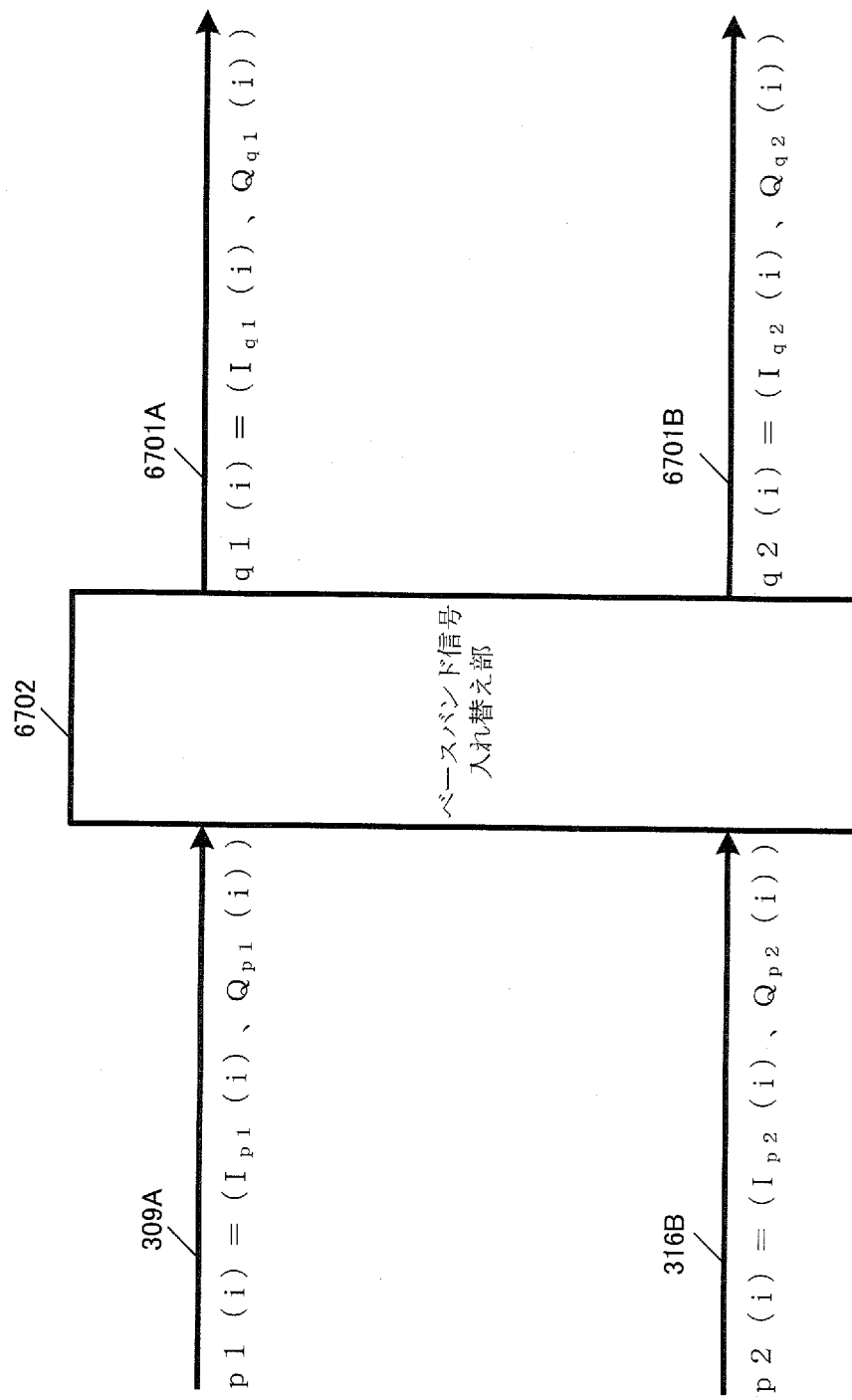
[図66]



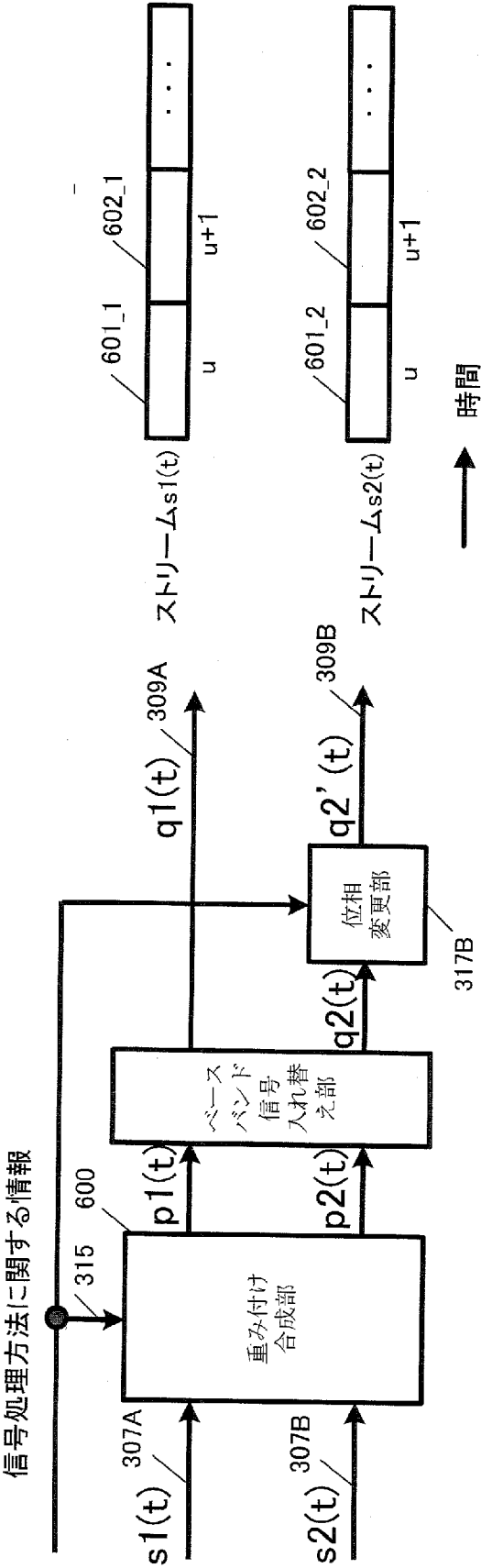
[図67]



[図68]



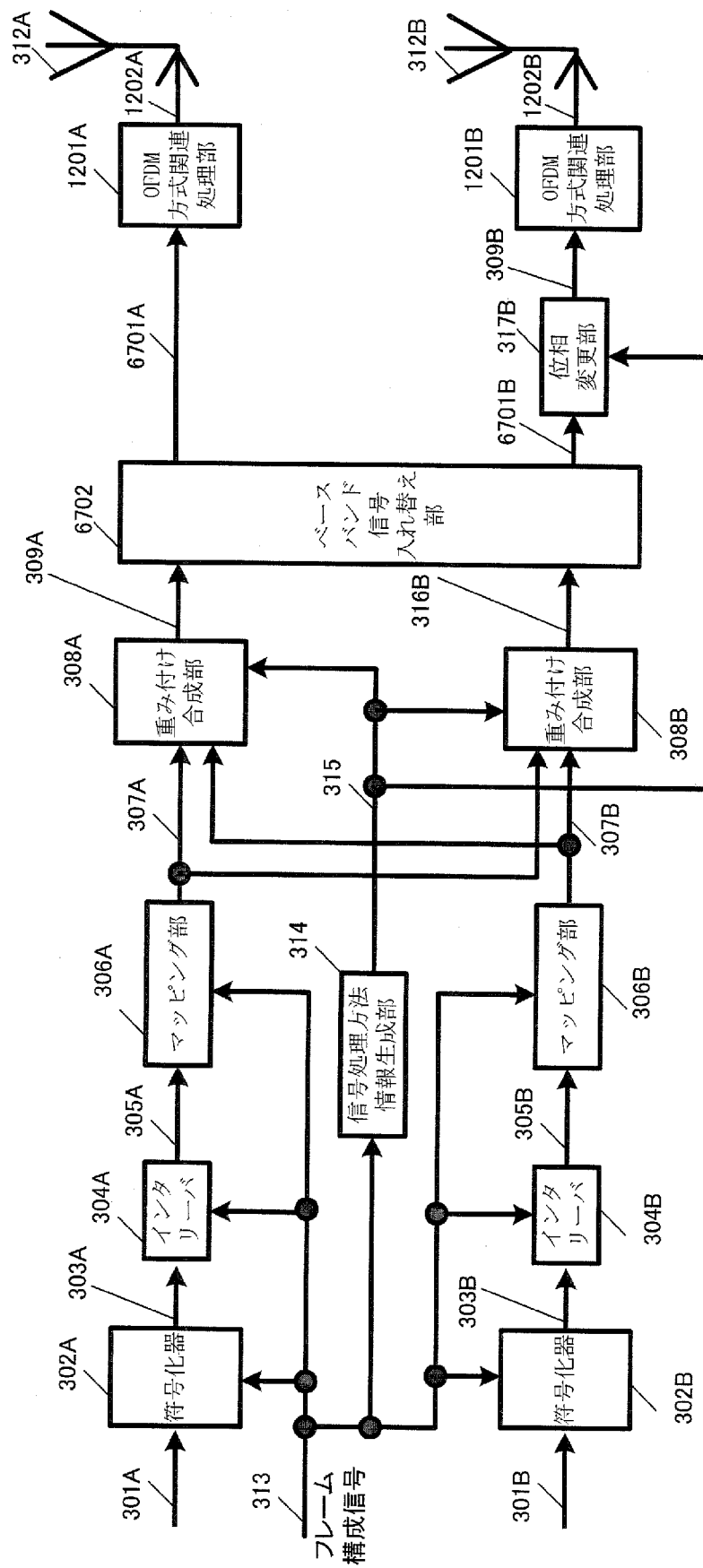
[図69]



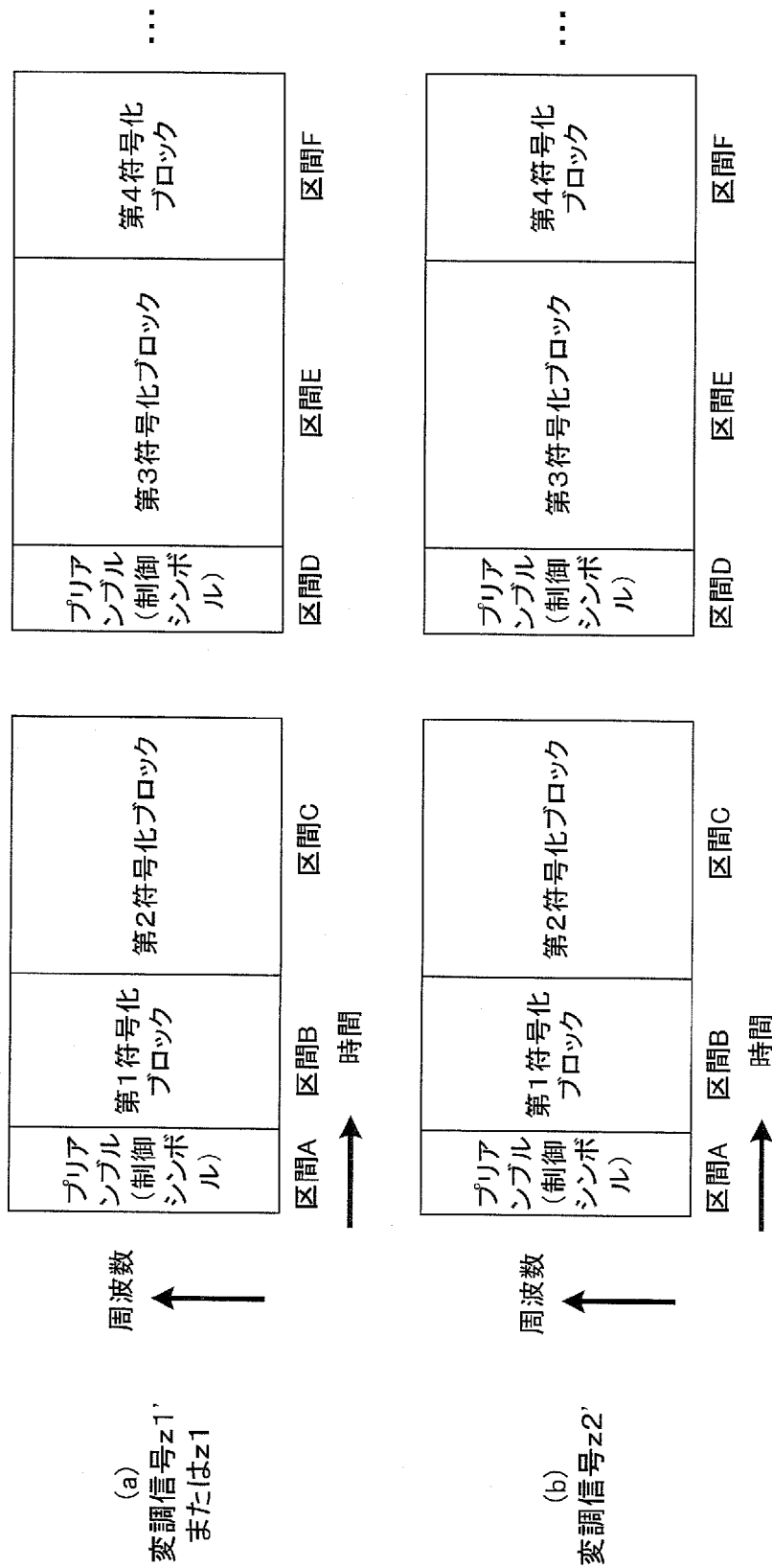
位相変更部の位相変更式 $y(t)$ の変更例

時刻u	時刻u+1	時刻u+2	時刻u+3	時刻u+k
$y(u) = e^{j0}$	$y(u+1) = e^{j\frac{\pi}{2}}$	$y(u+2) = e^{j\pi}$	$y(u+3) = e^{j\frac{3\pi}{2}}$	$y(u+k) = e^{j\frac{k\pi}{2}}$

[図70]

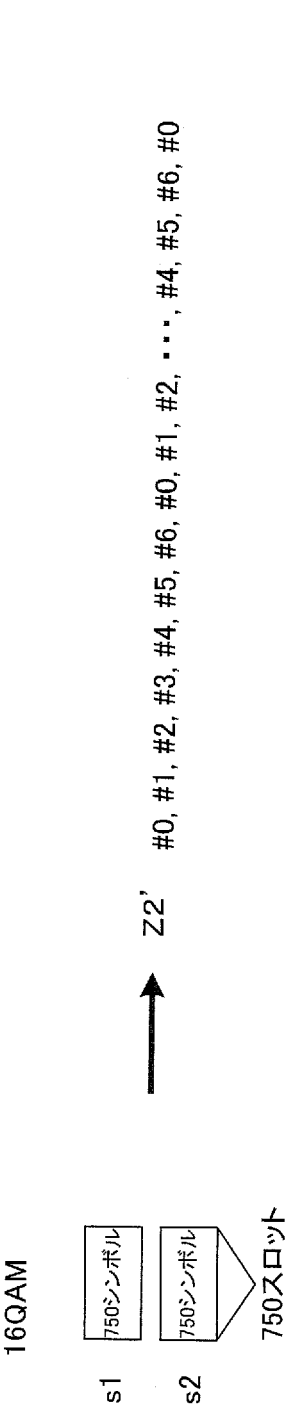


[図71]

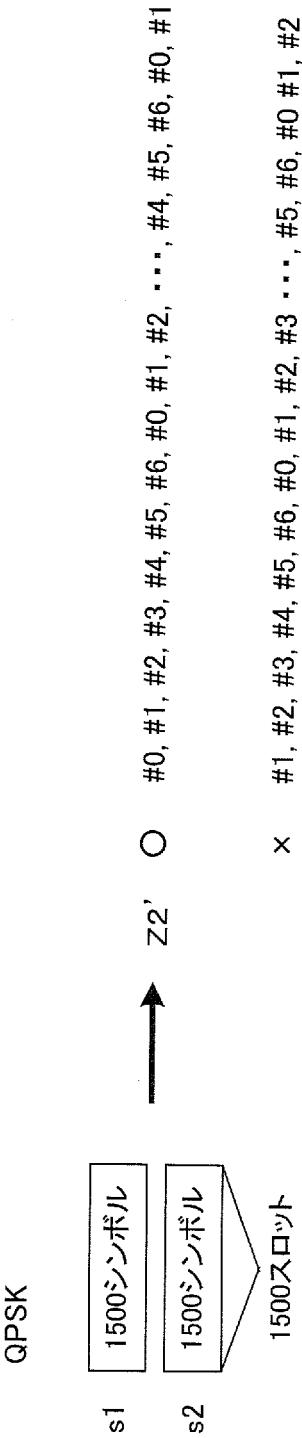


[図72]

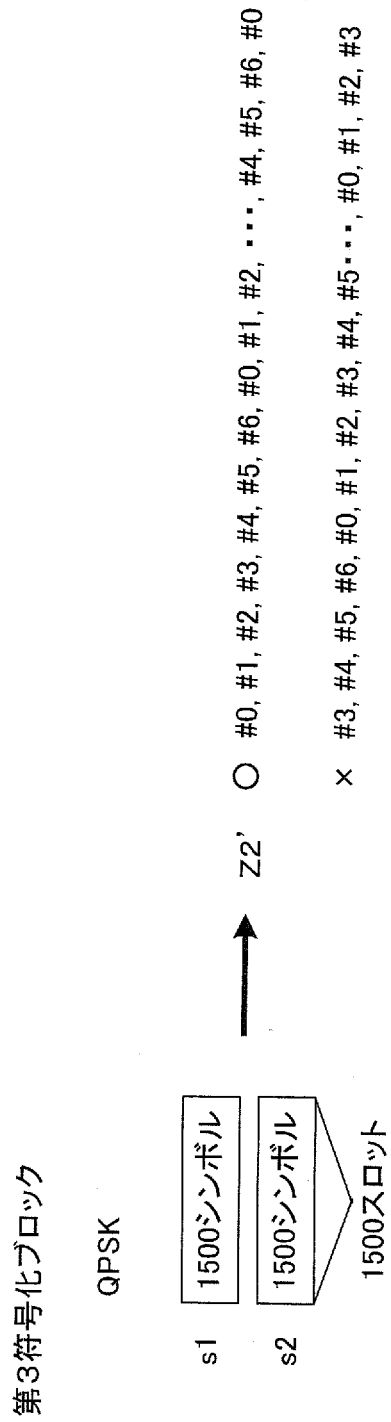
第1符号化ブロック



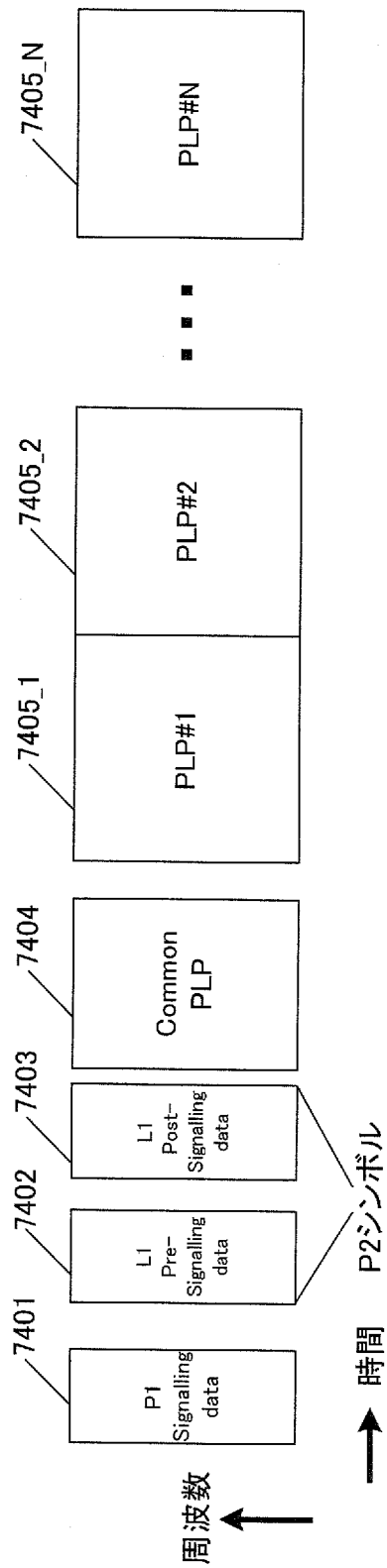
第2符号化ブロック



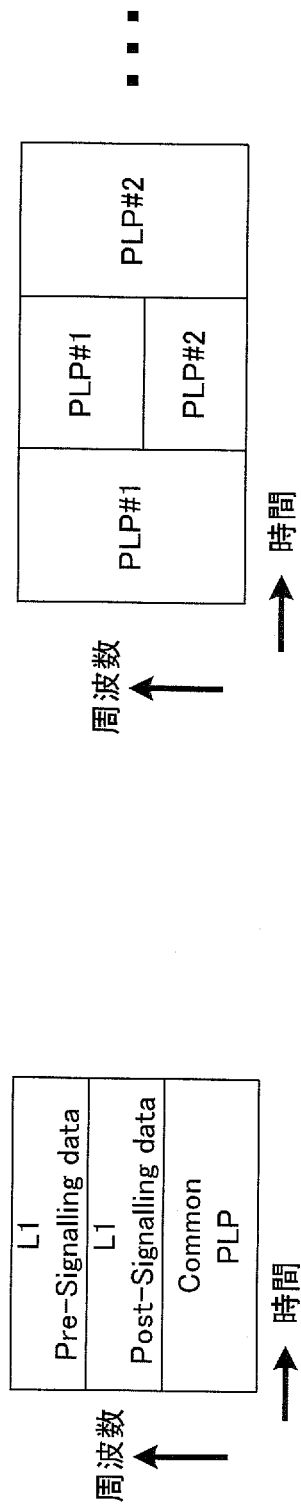
[図73]



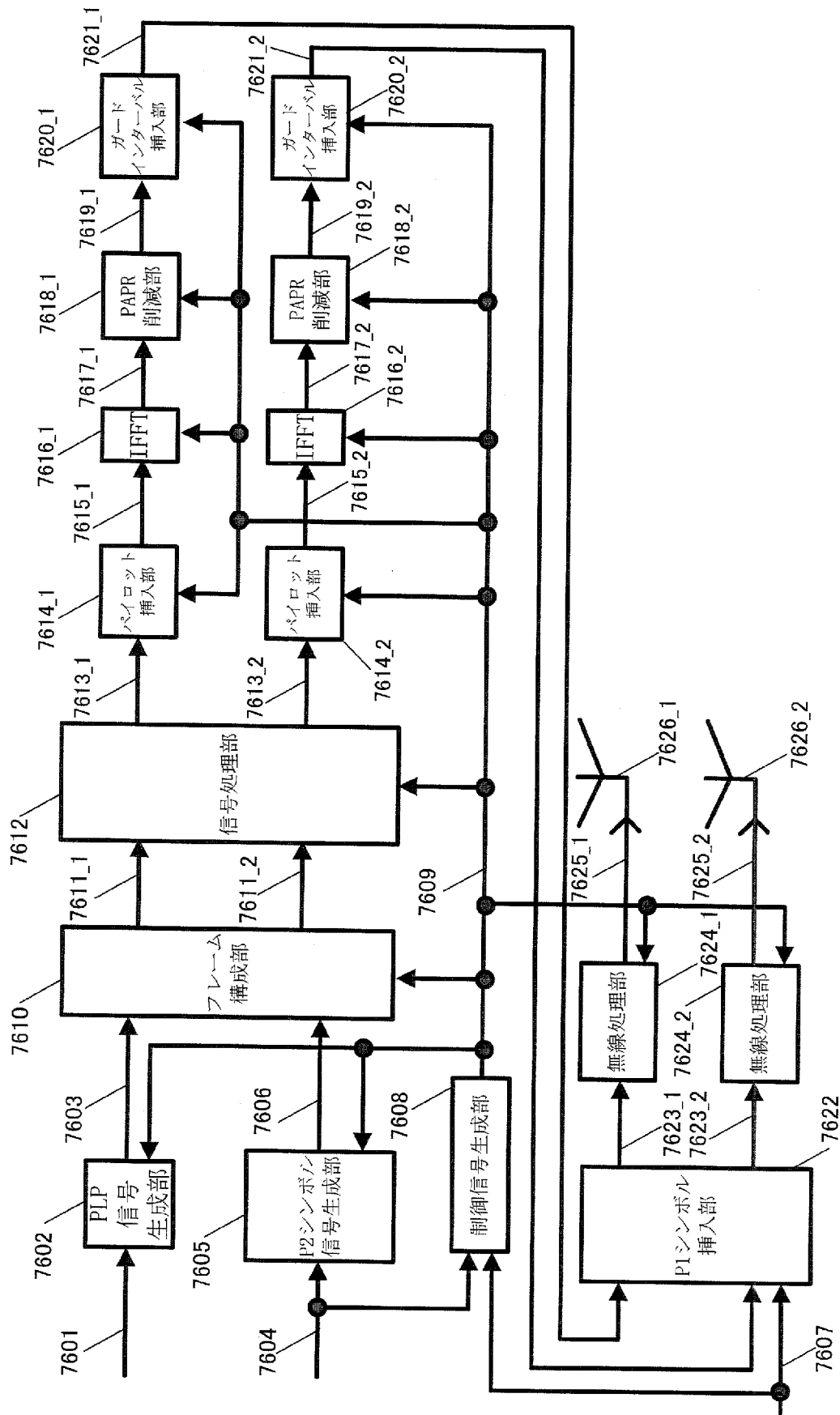
[図74]



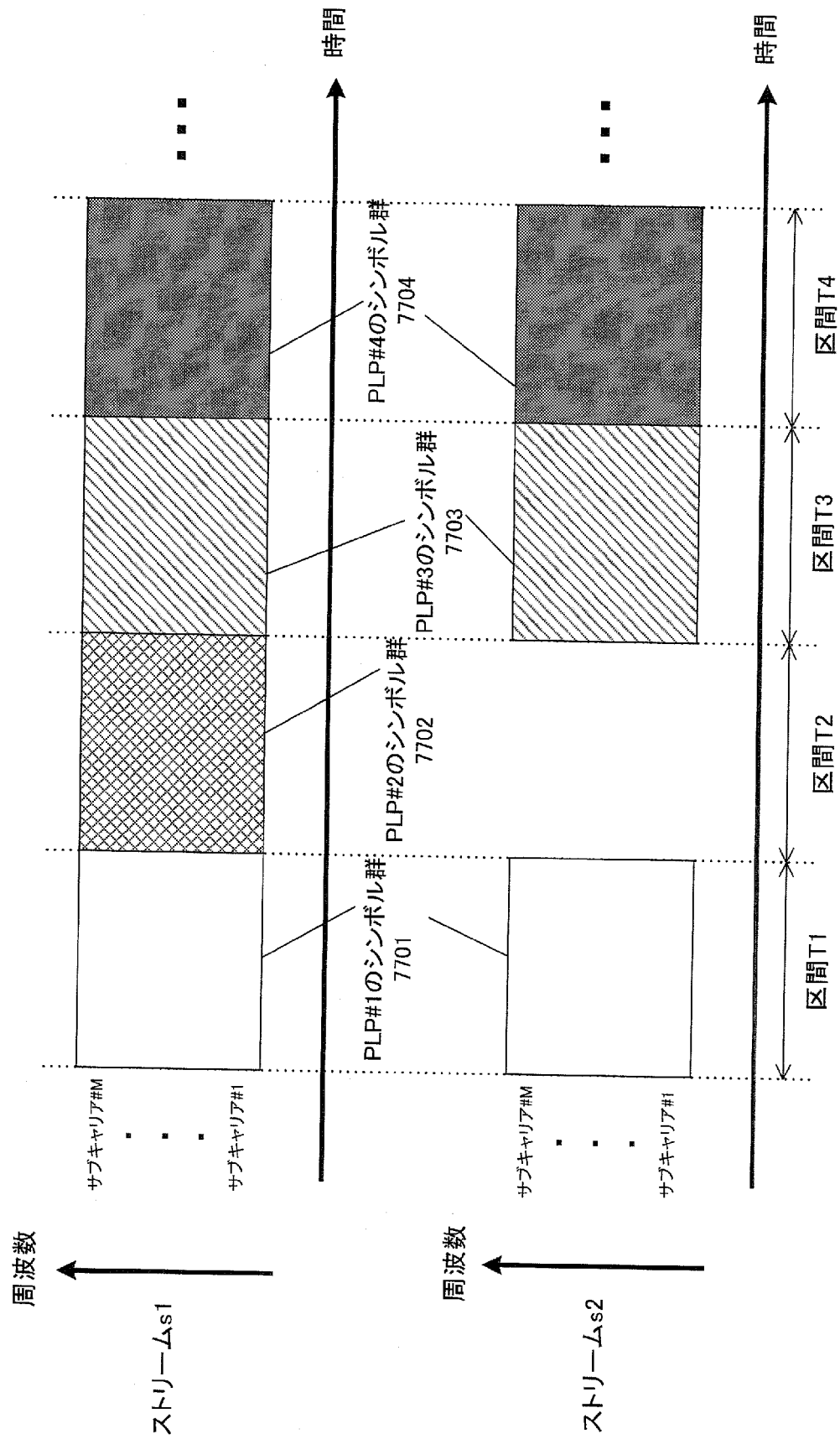
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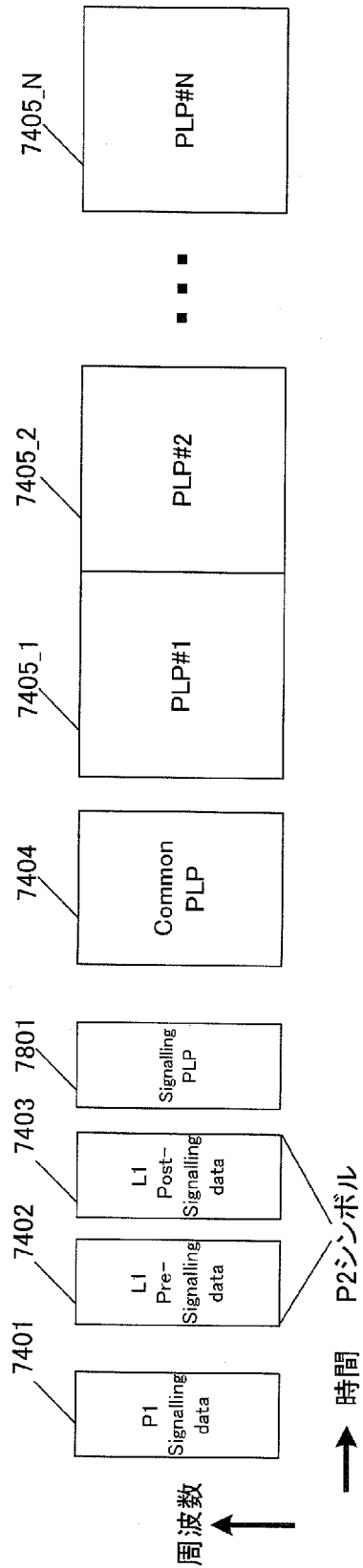
[図76]



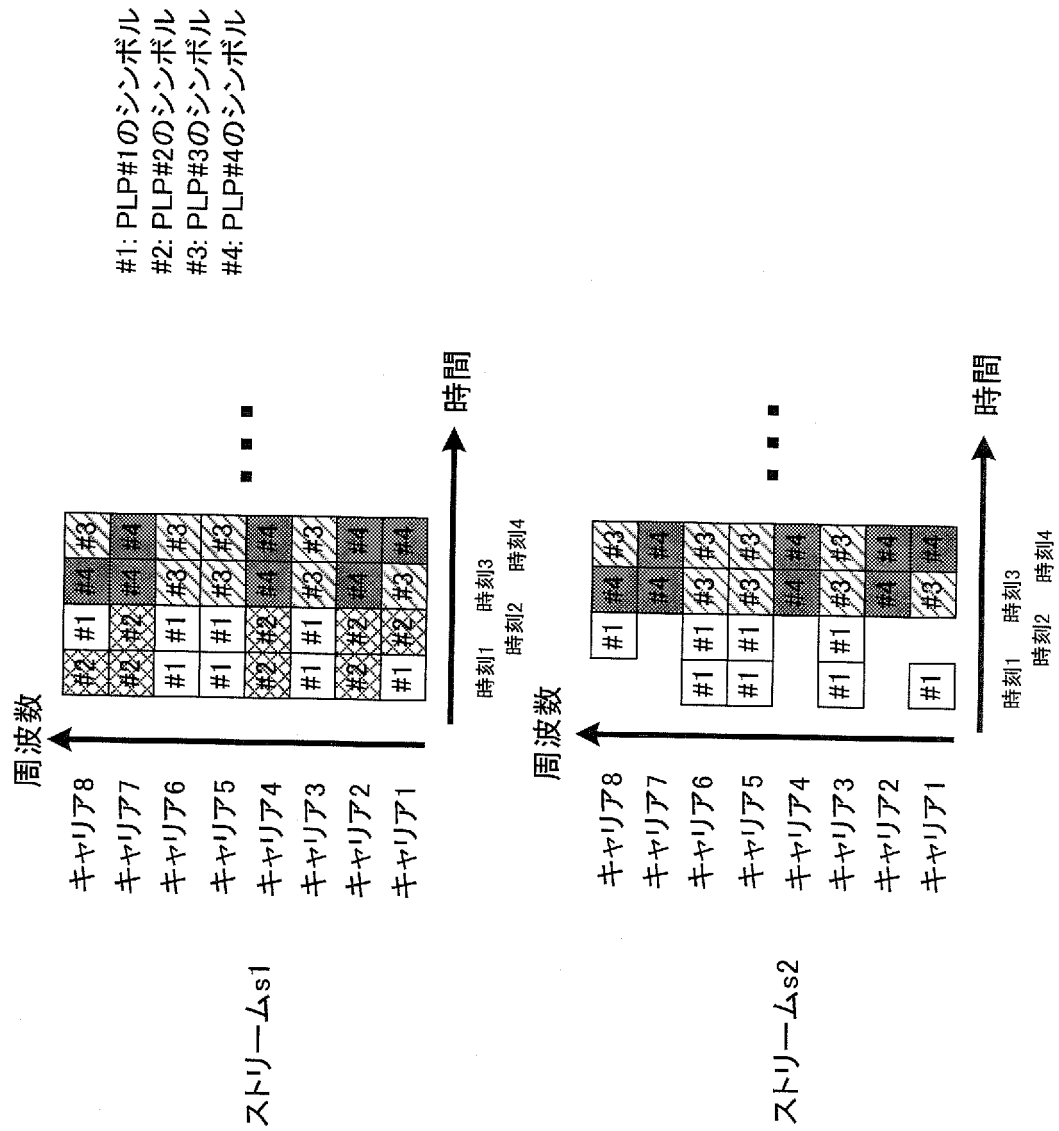
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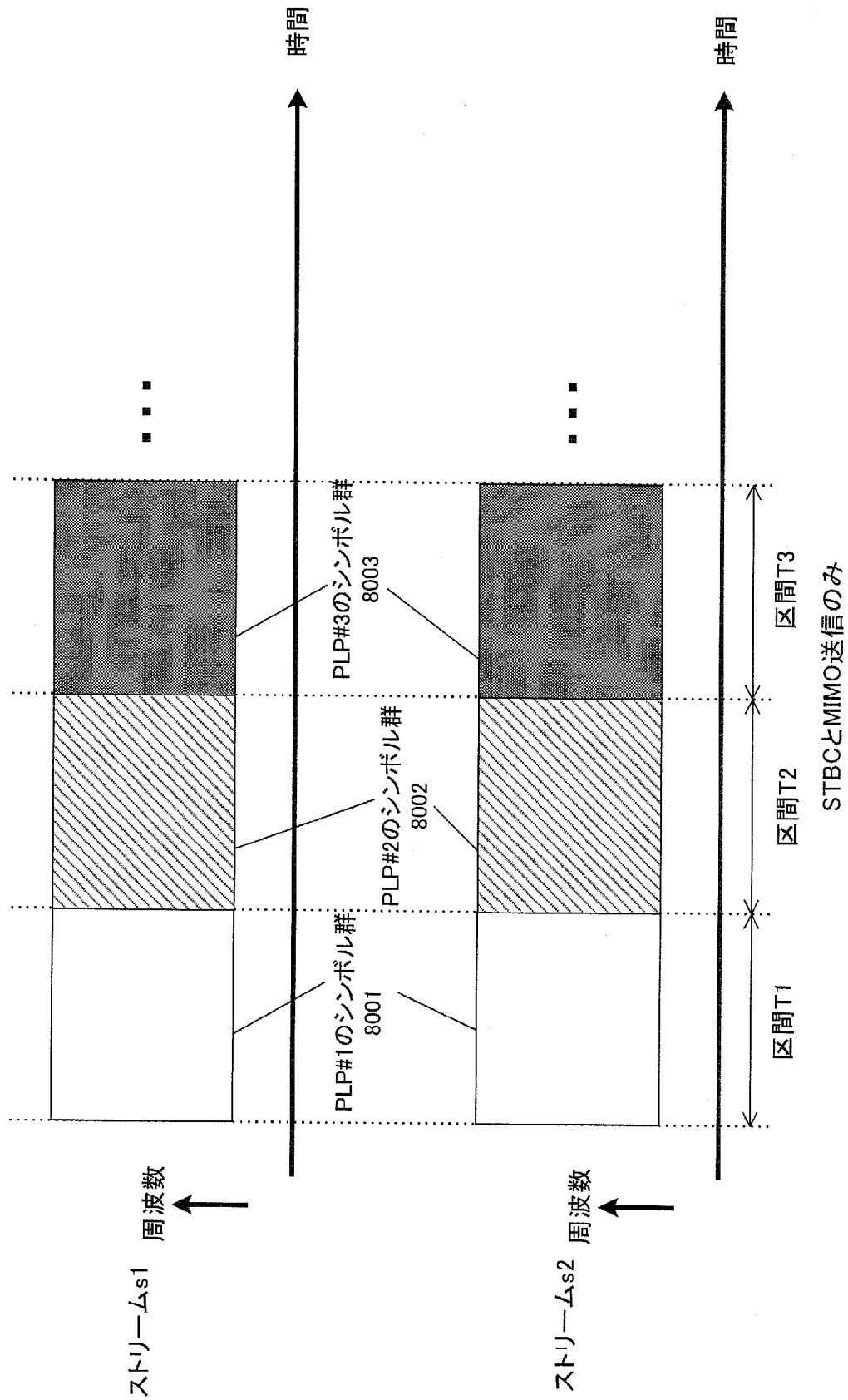
[図78]



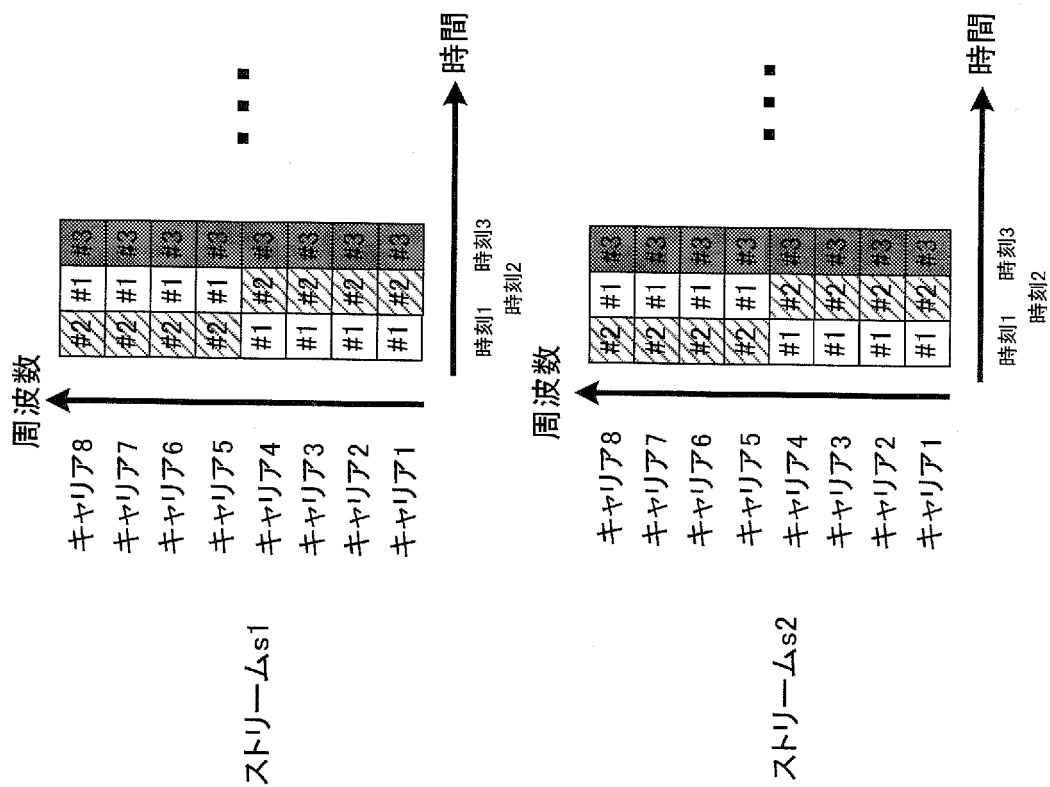
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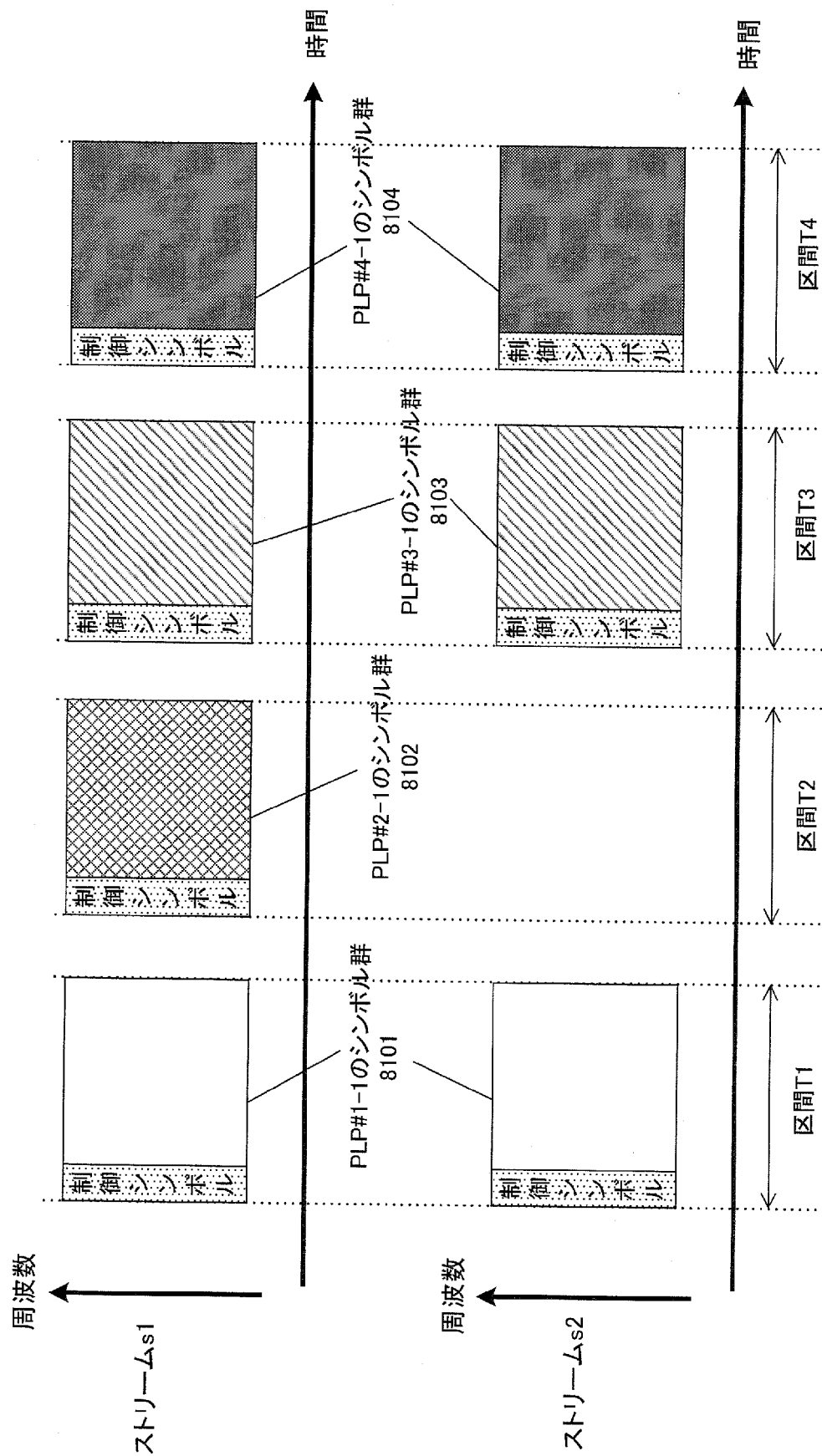
[図80]



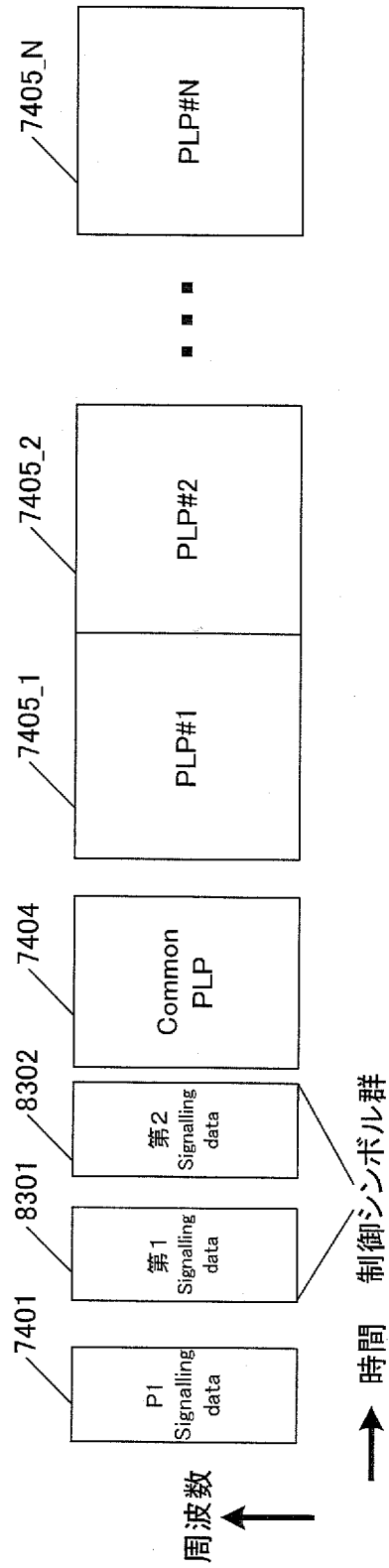
#1: PLP#1のシンボル
#2: PLP#2のシンボル
#3: PLP#3のシンボル



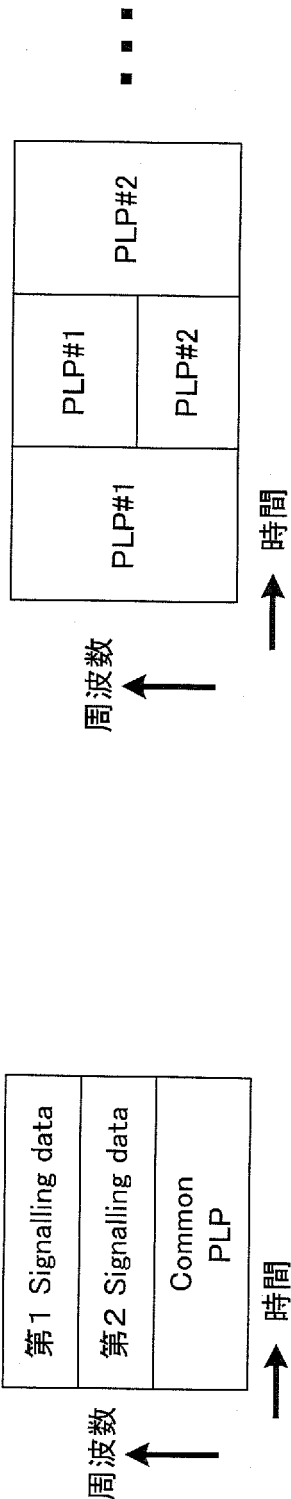
[図82]



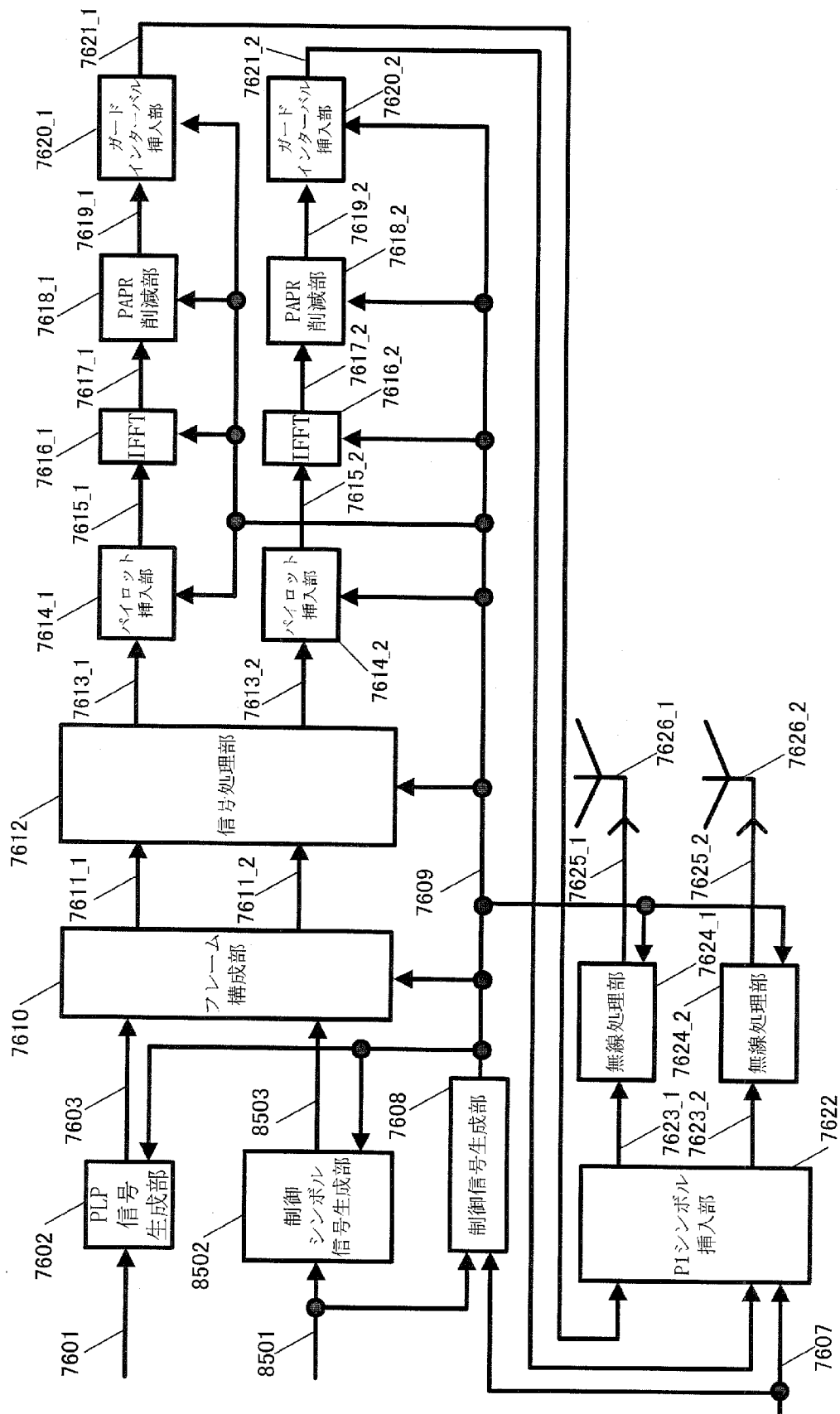
[図83]



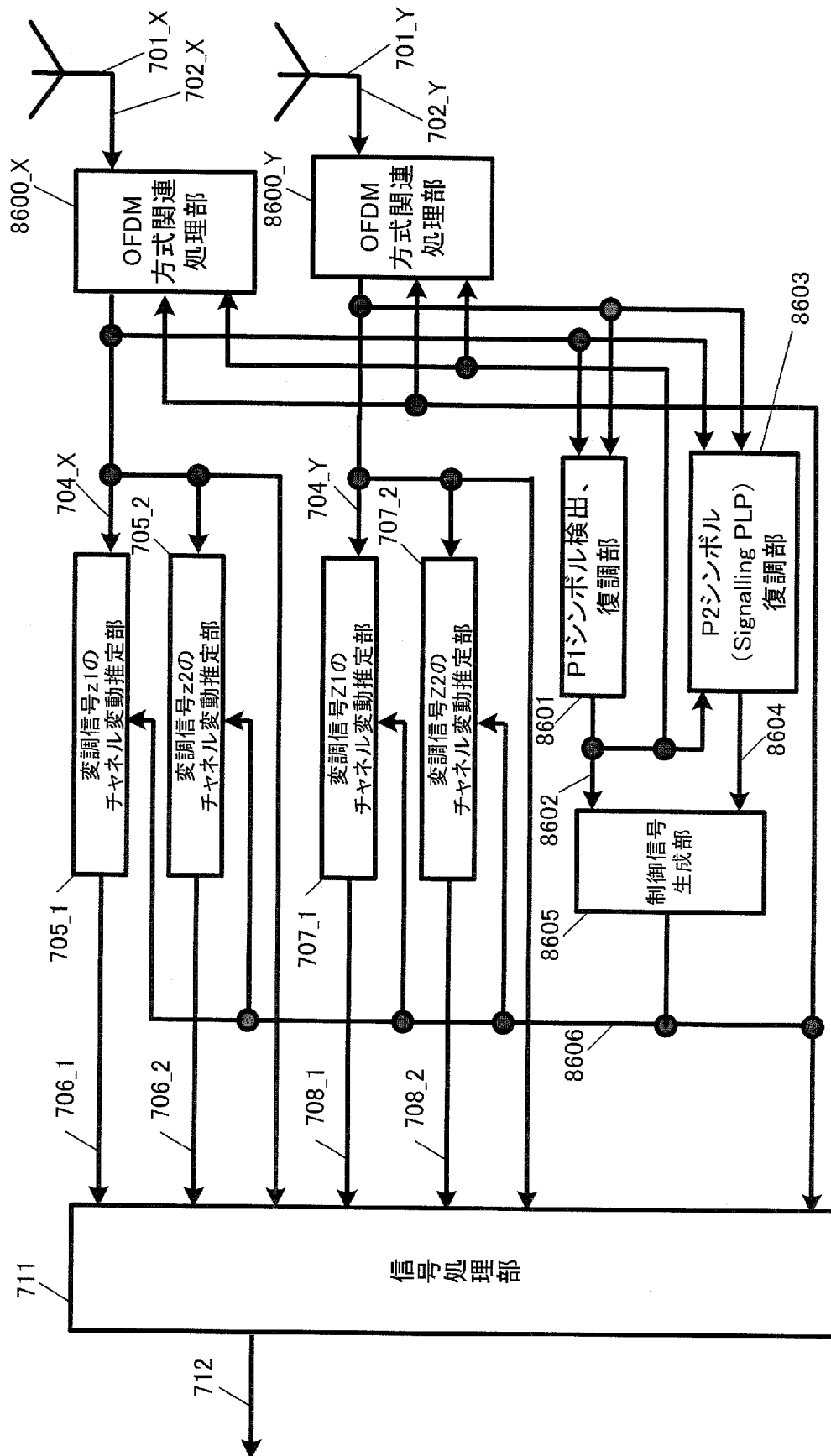
[図84]



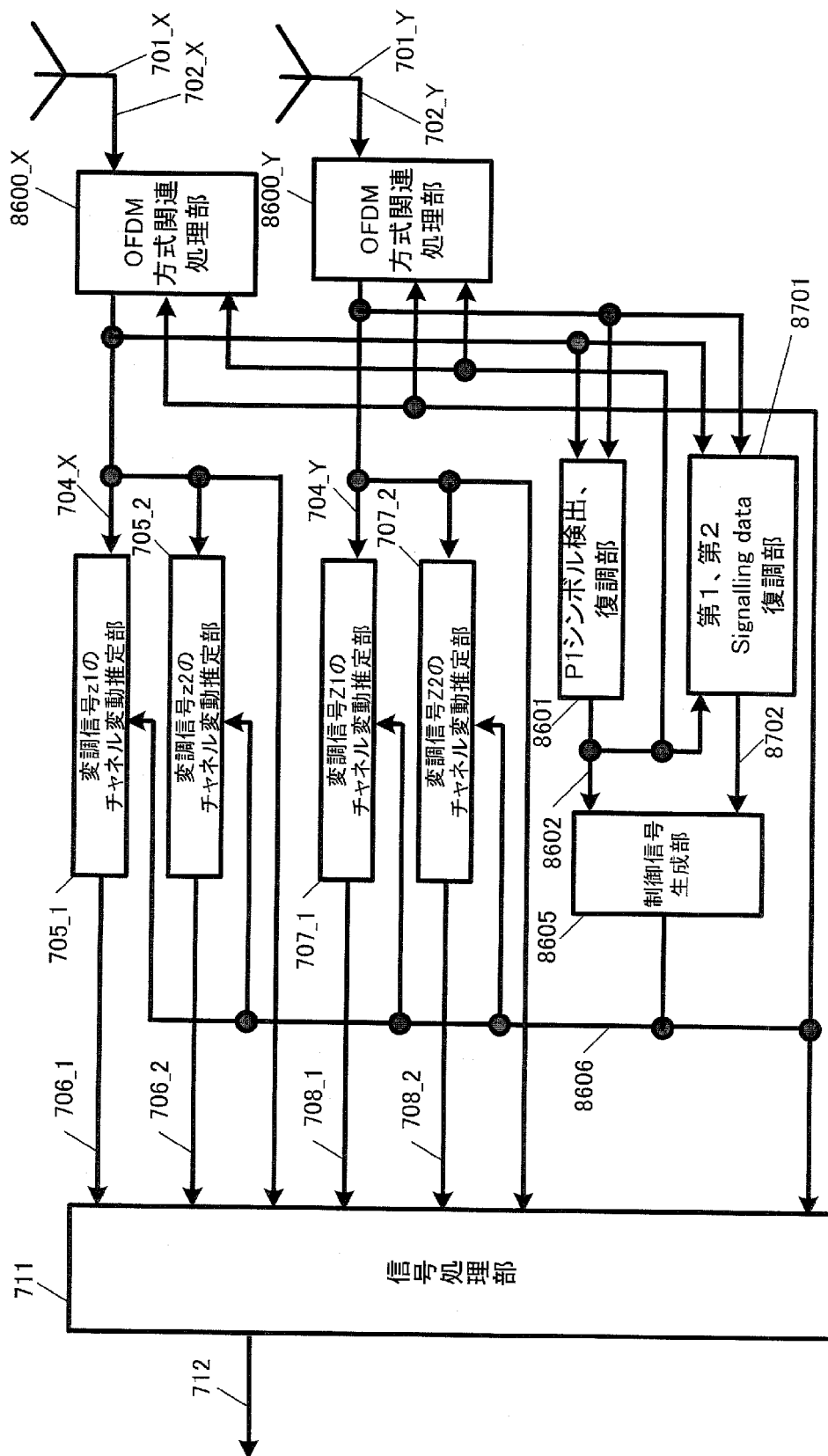
[図85]



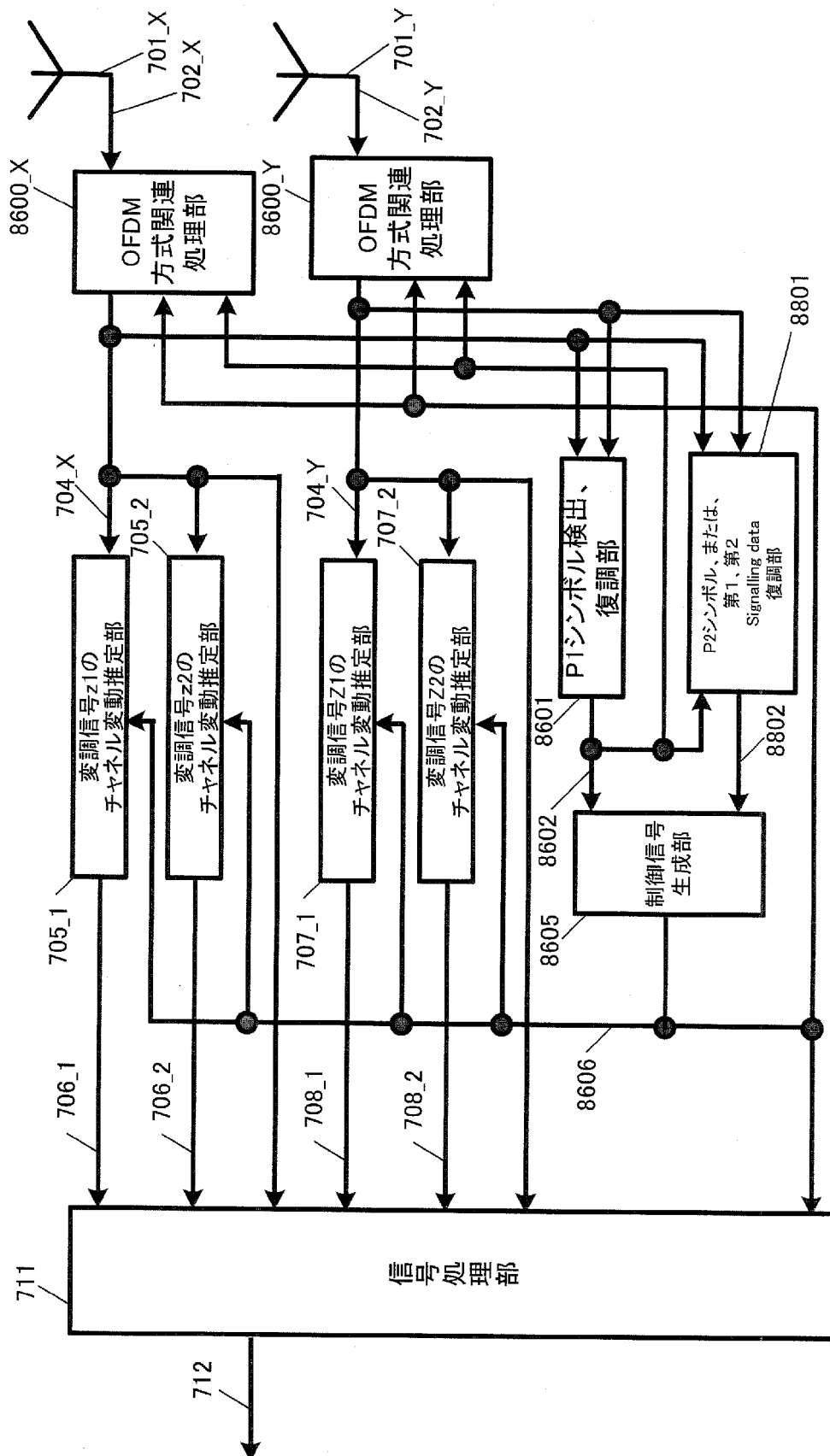
[図86]



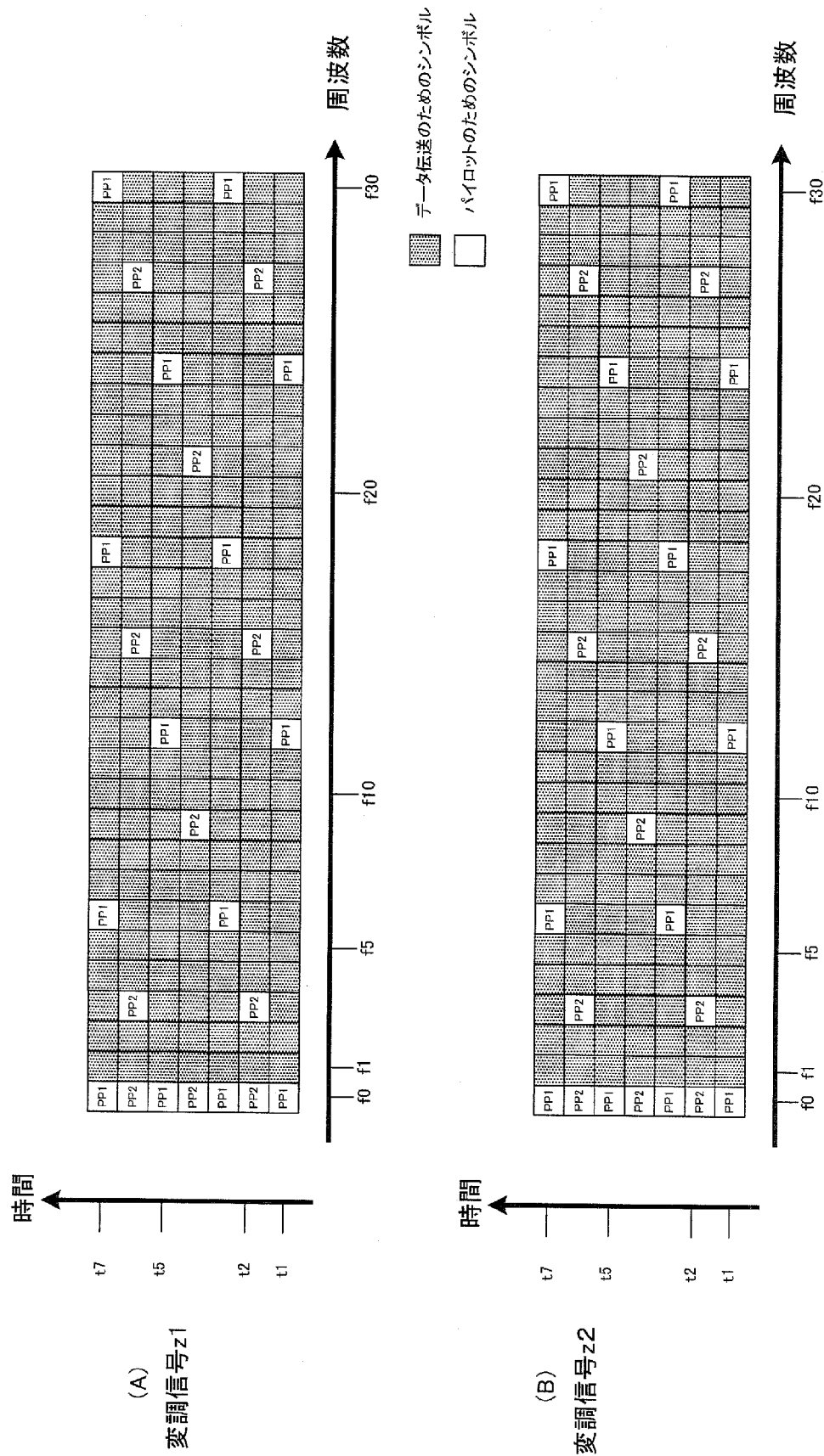
[図87]



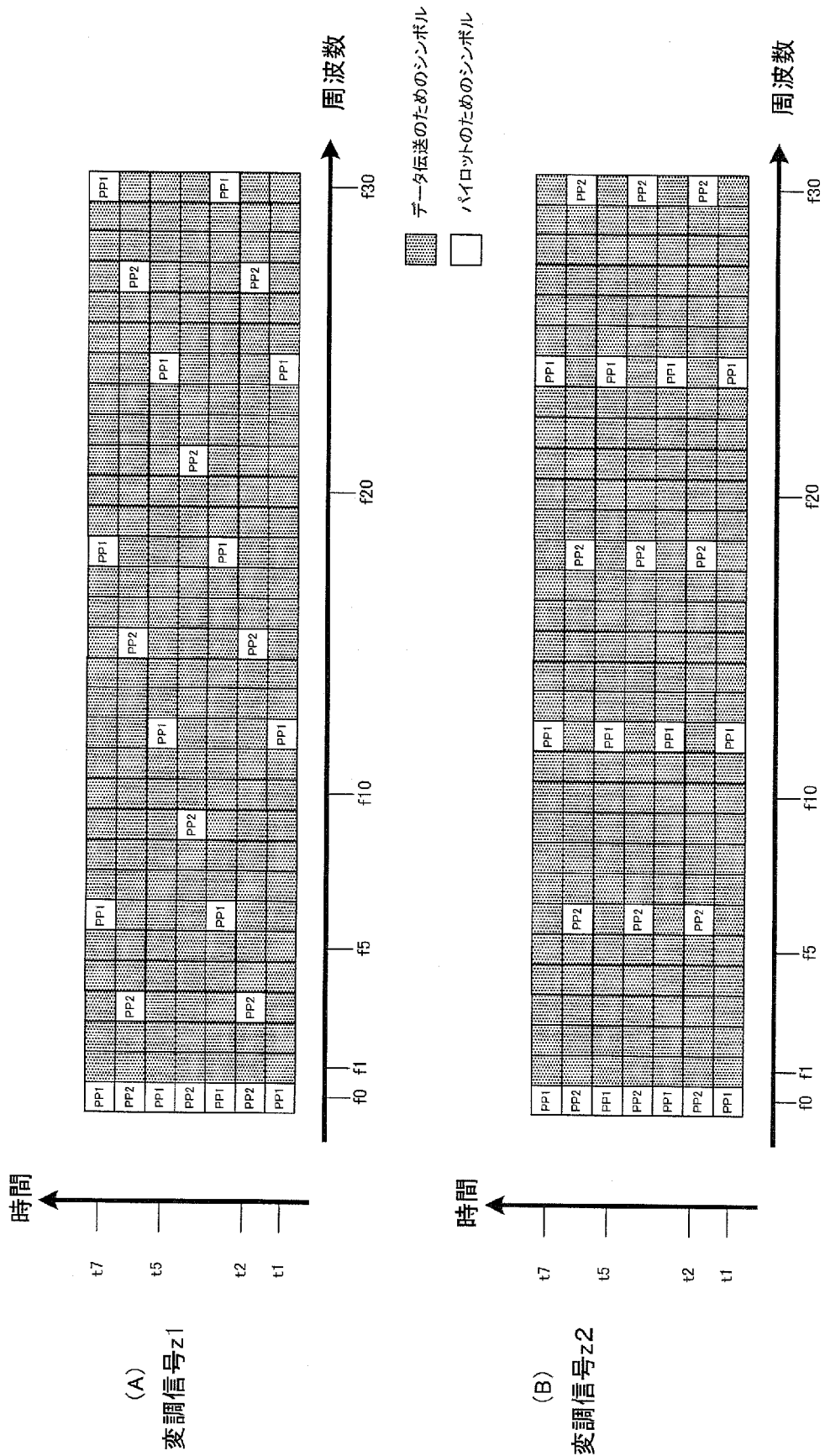
[図88]



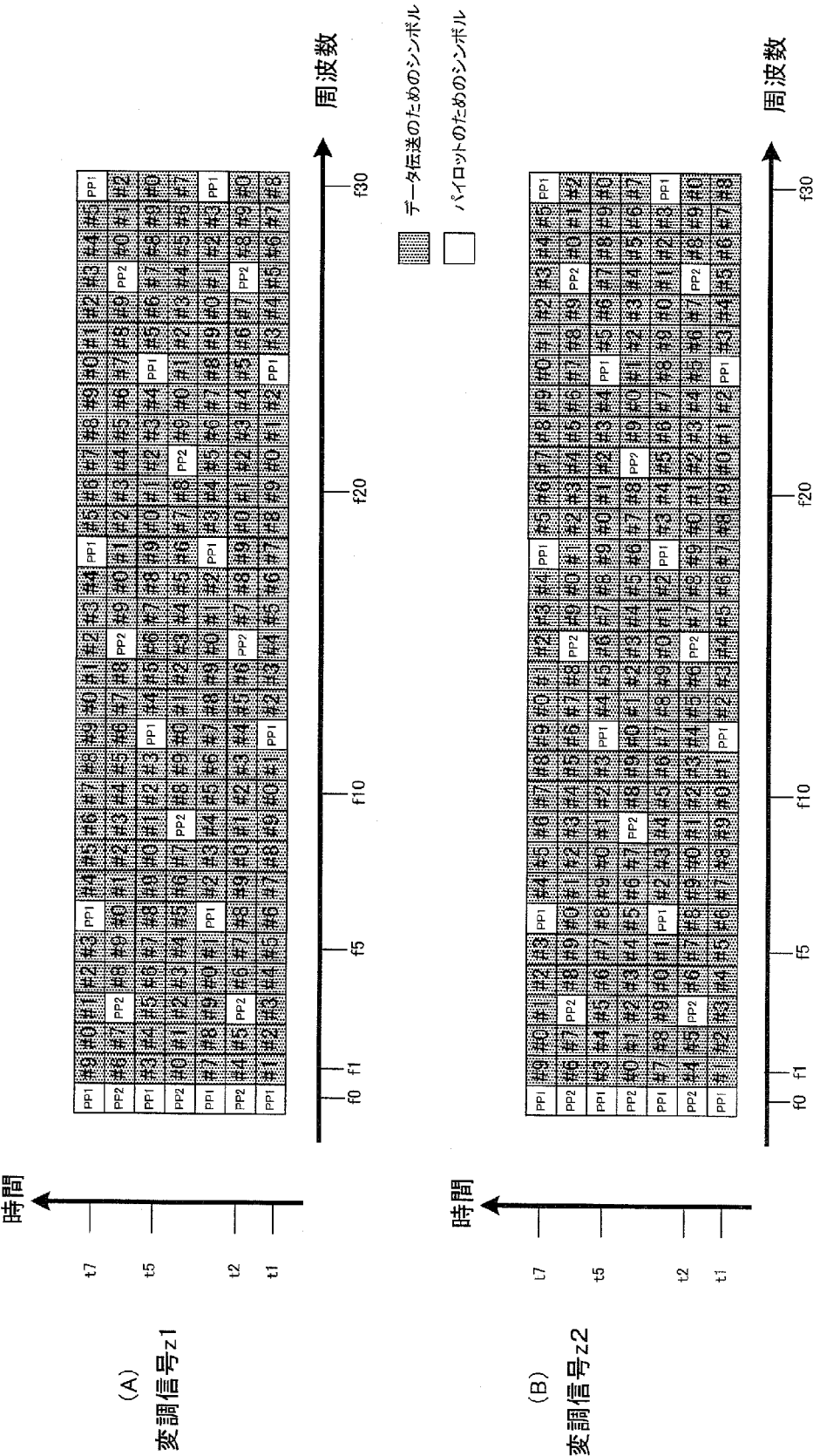
[図89]



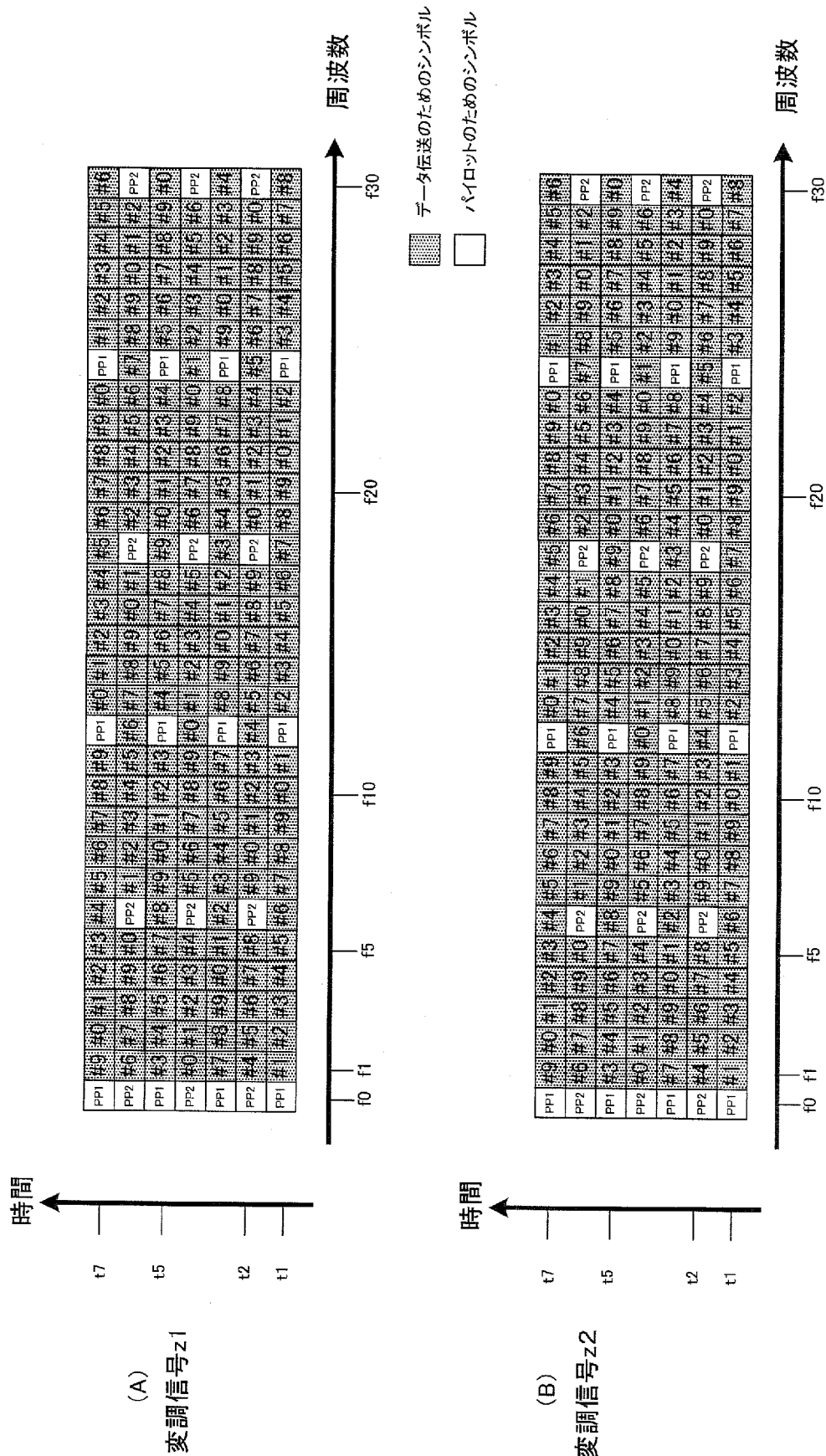
[図90]



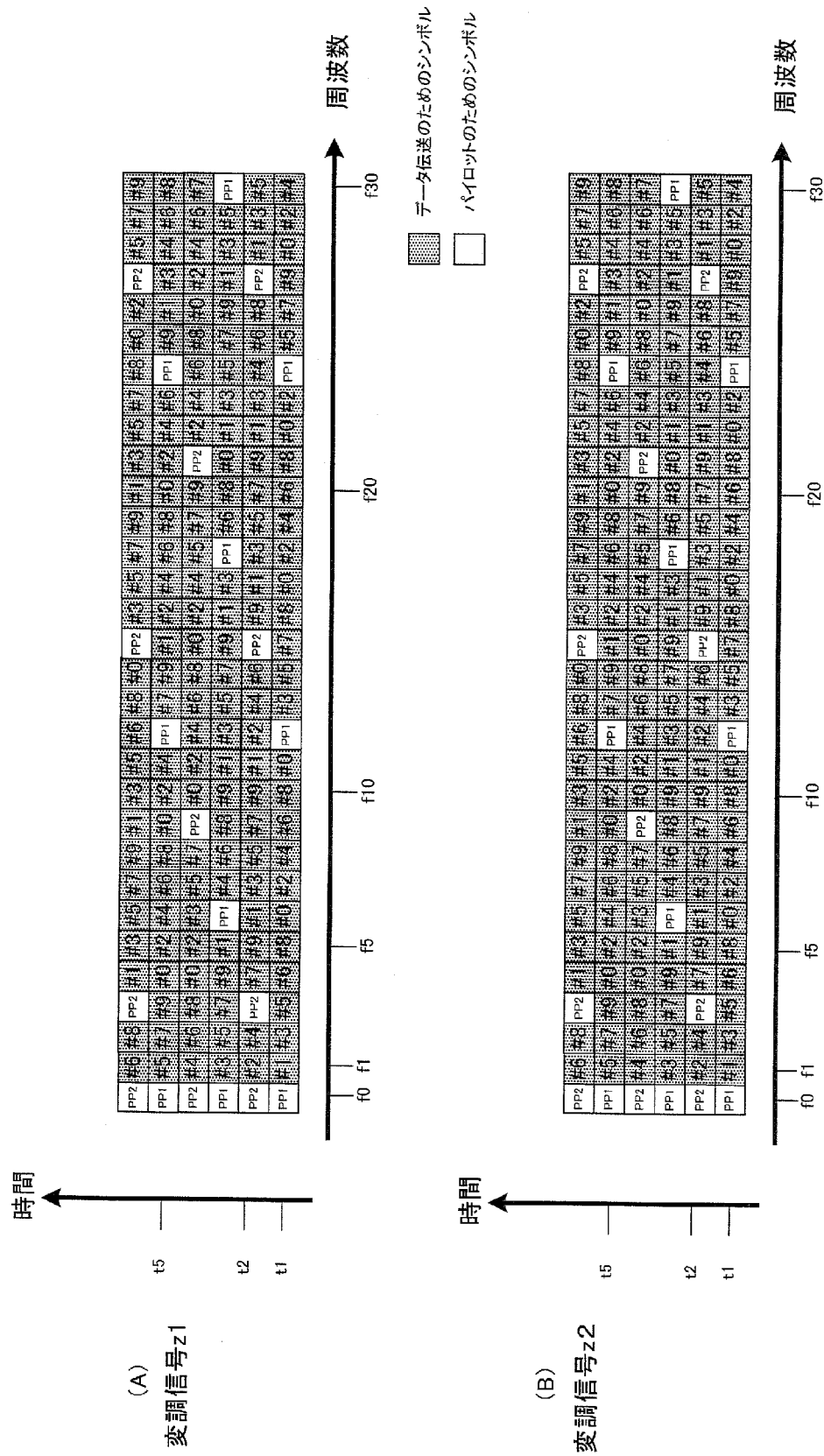
[図91]



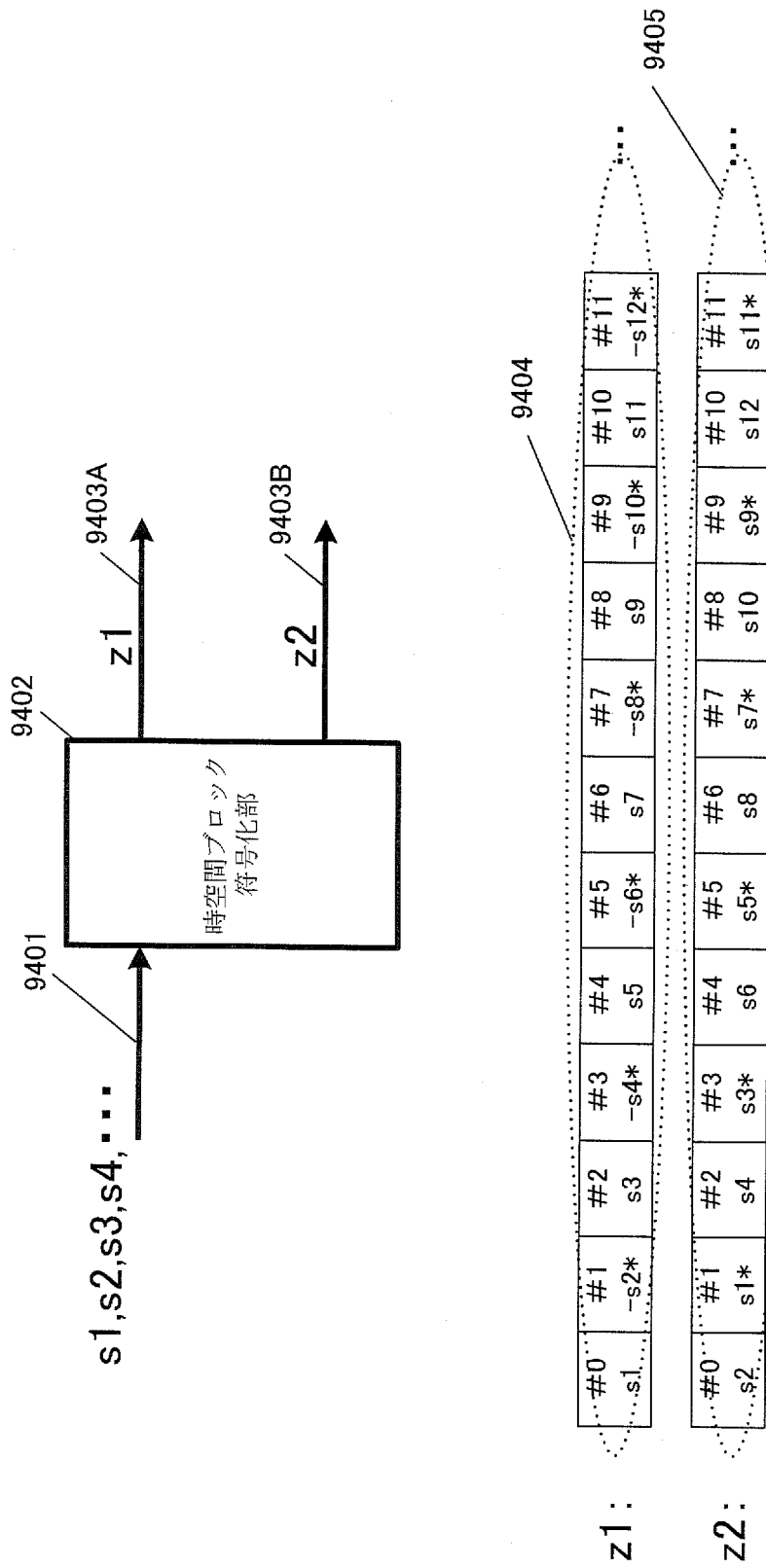
[図92]



[図93]



[図94]



*は共役複素