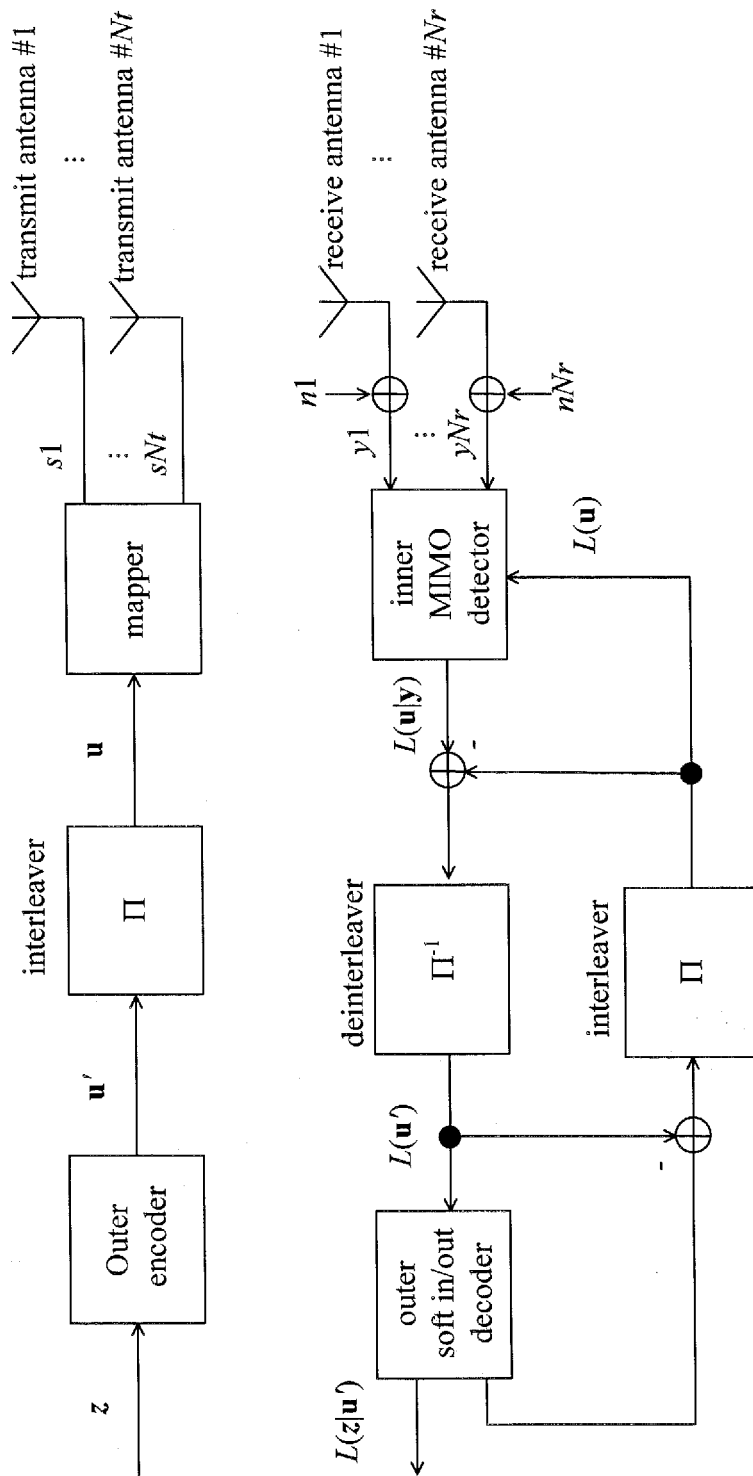
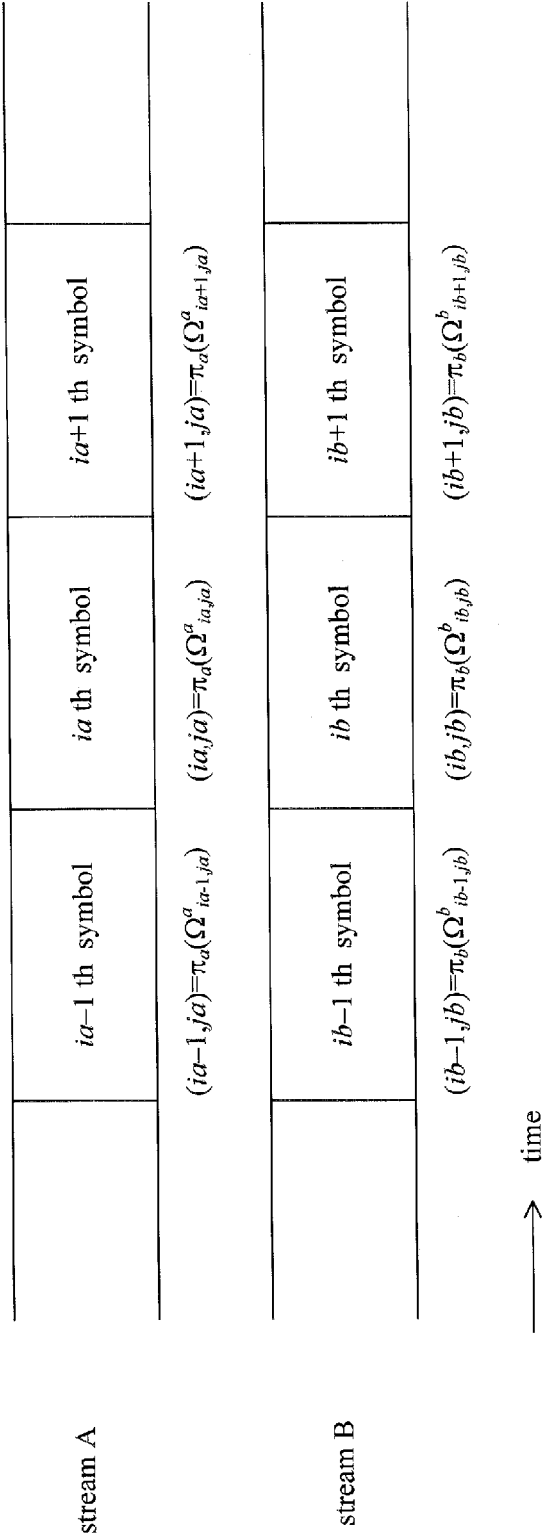


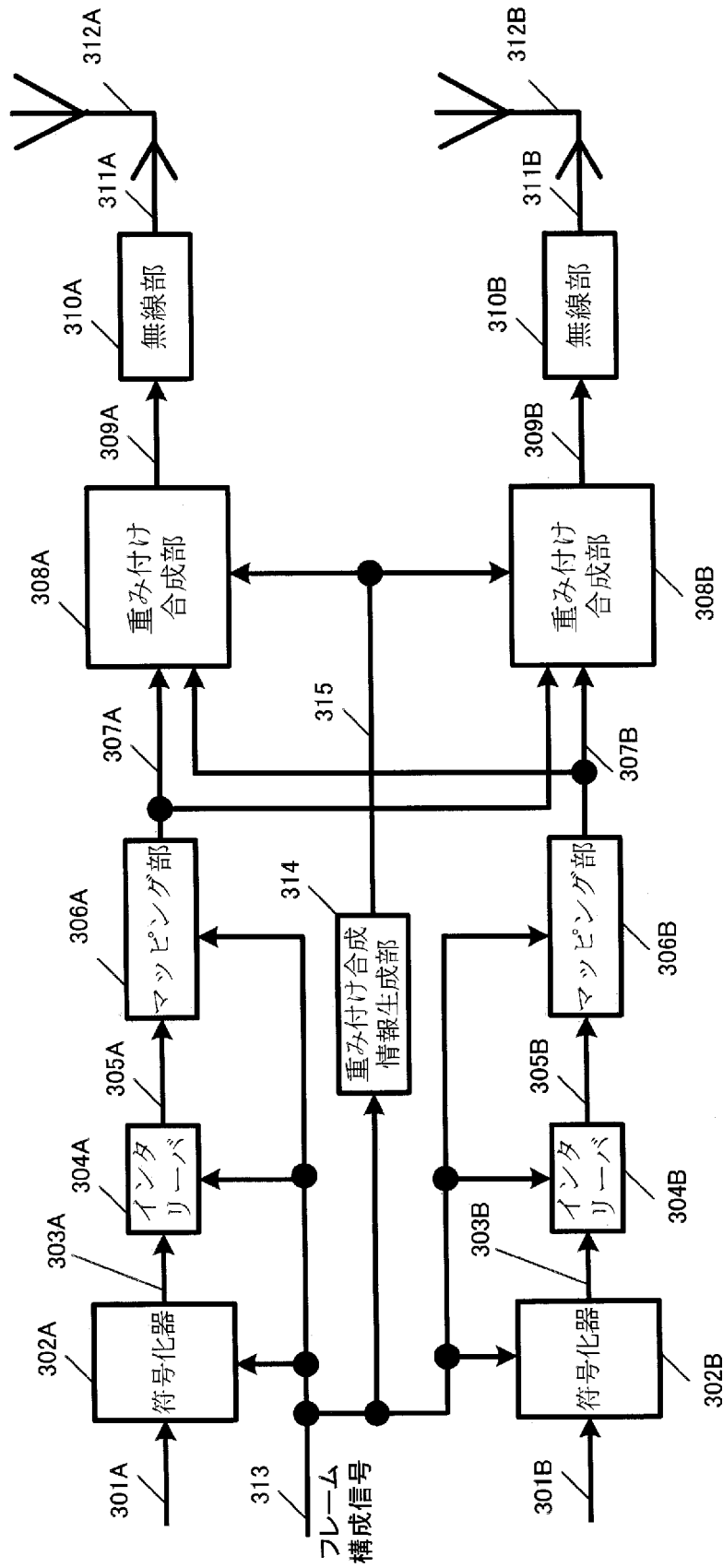
[図1]



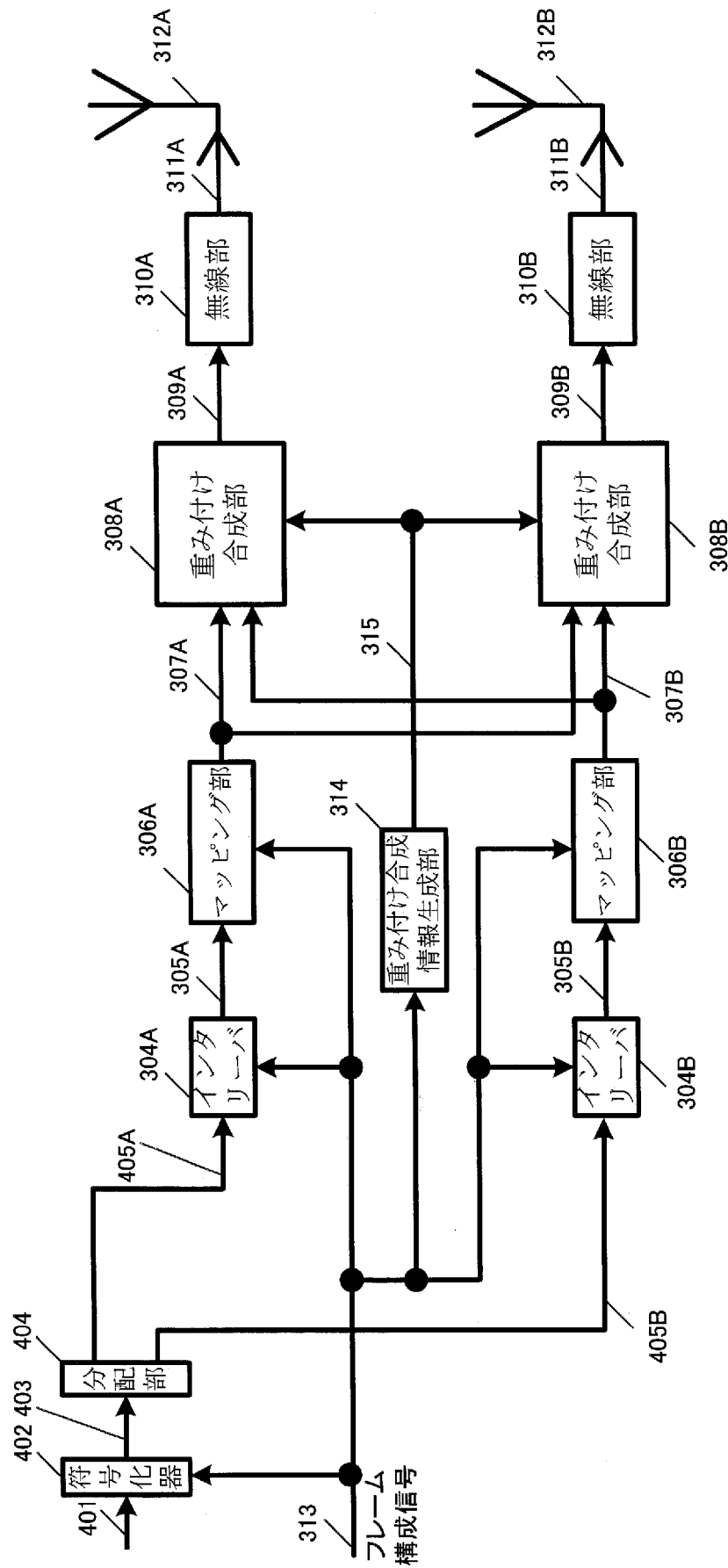
[図2]



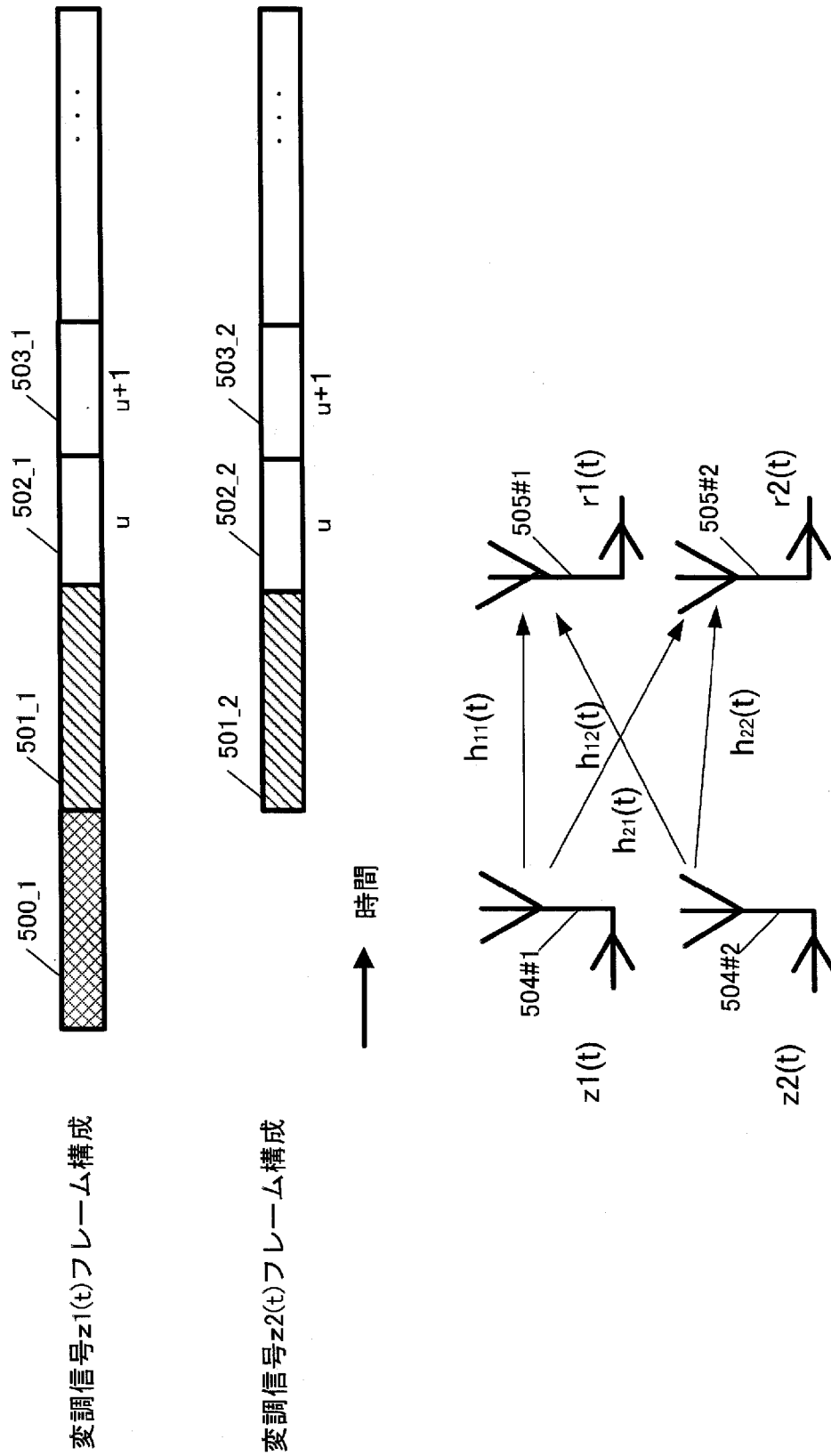
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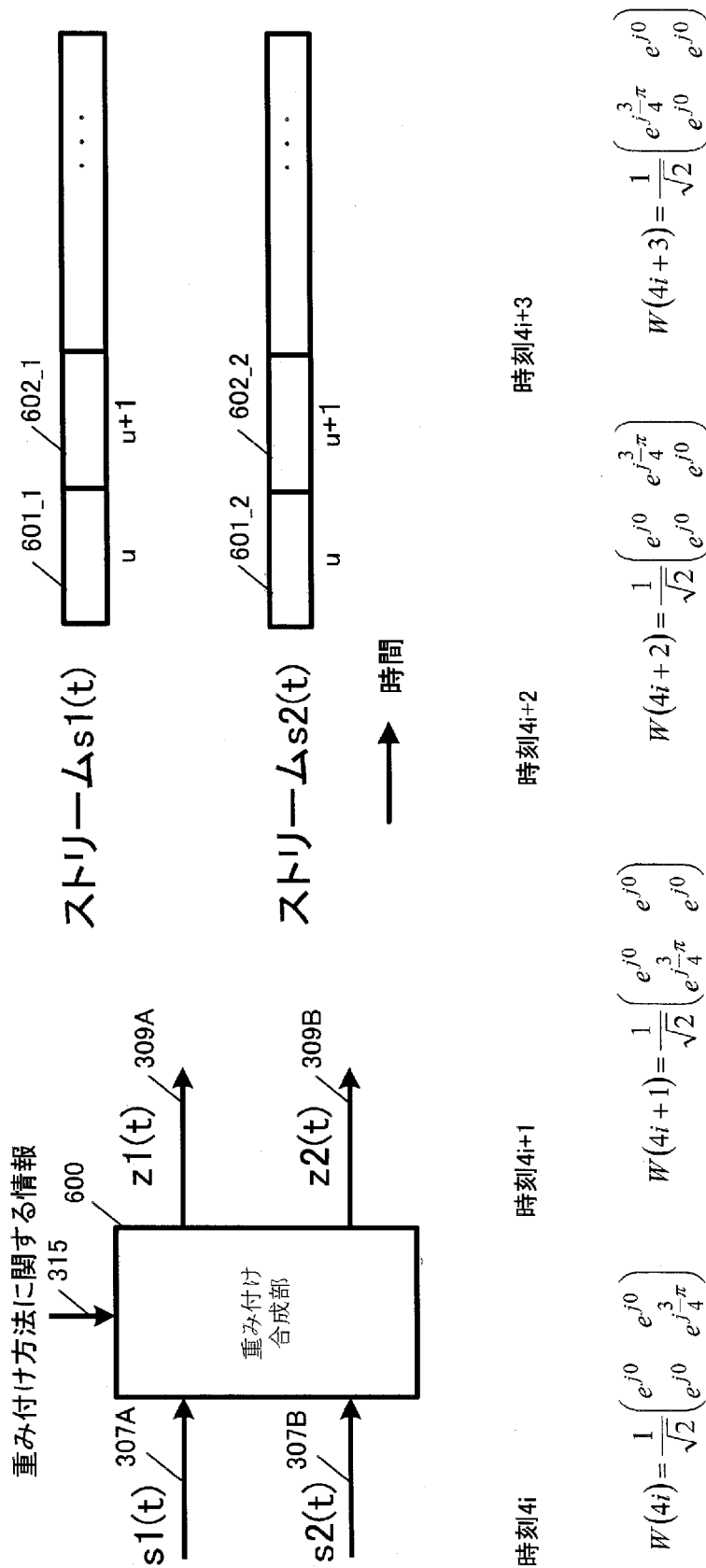
[図4]



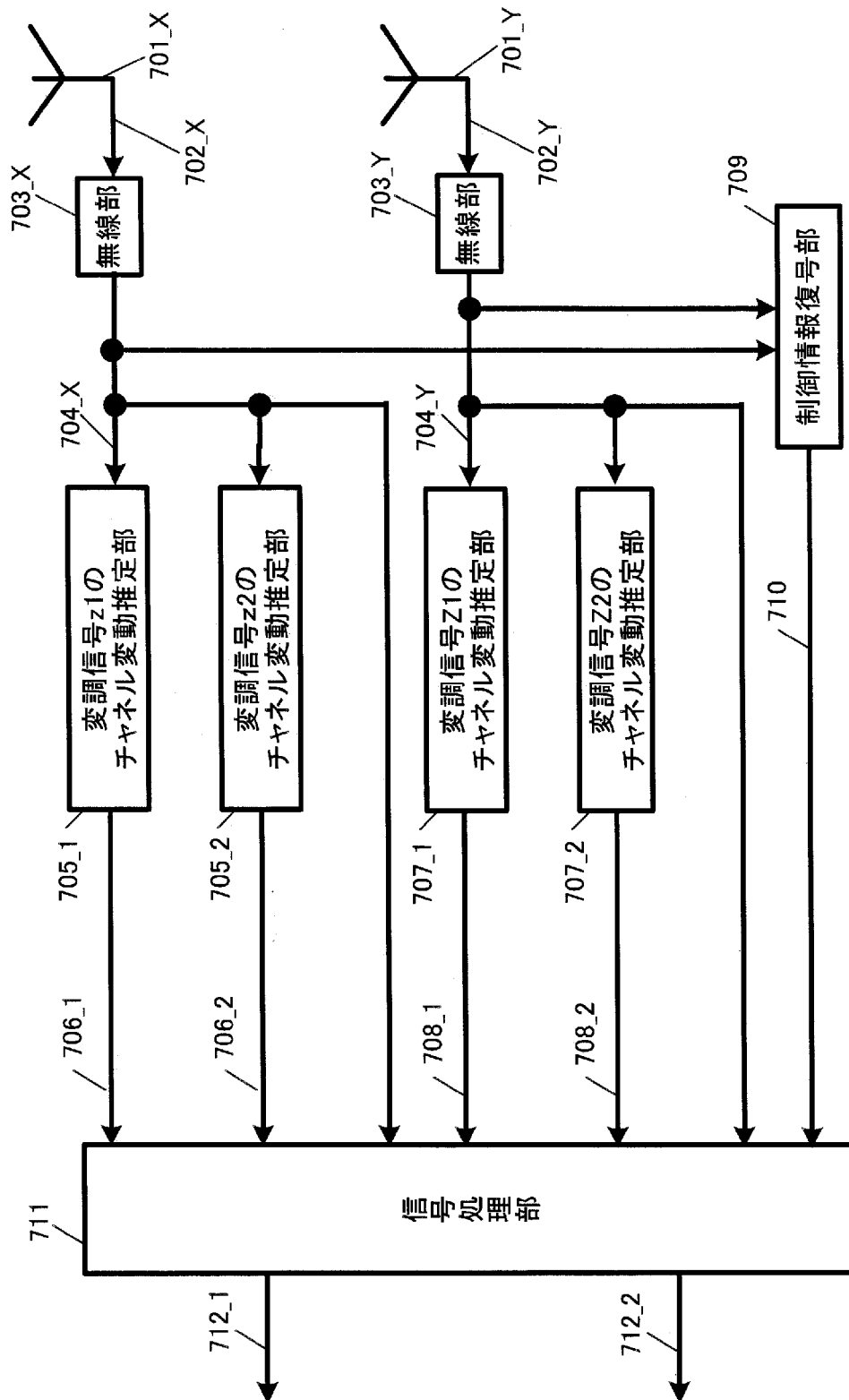
[図5]



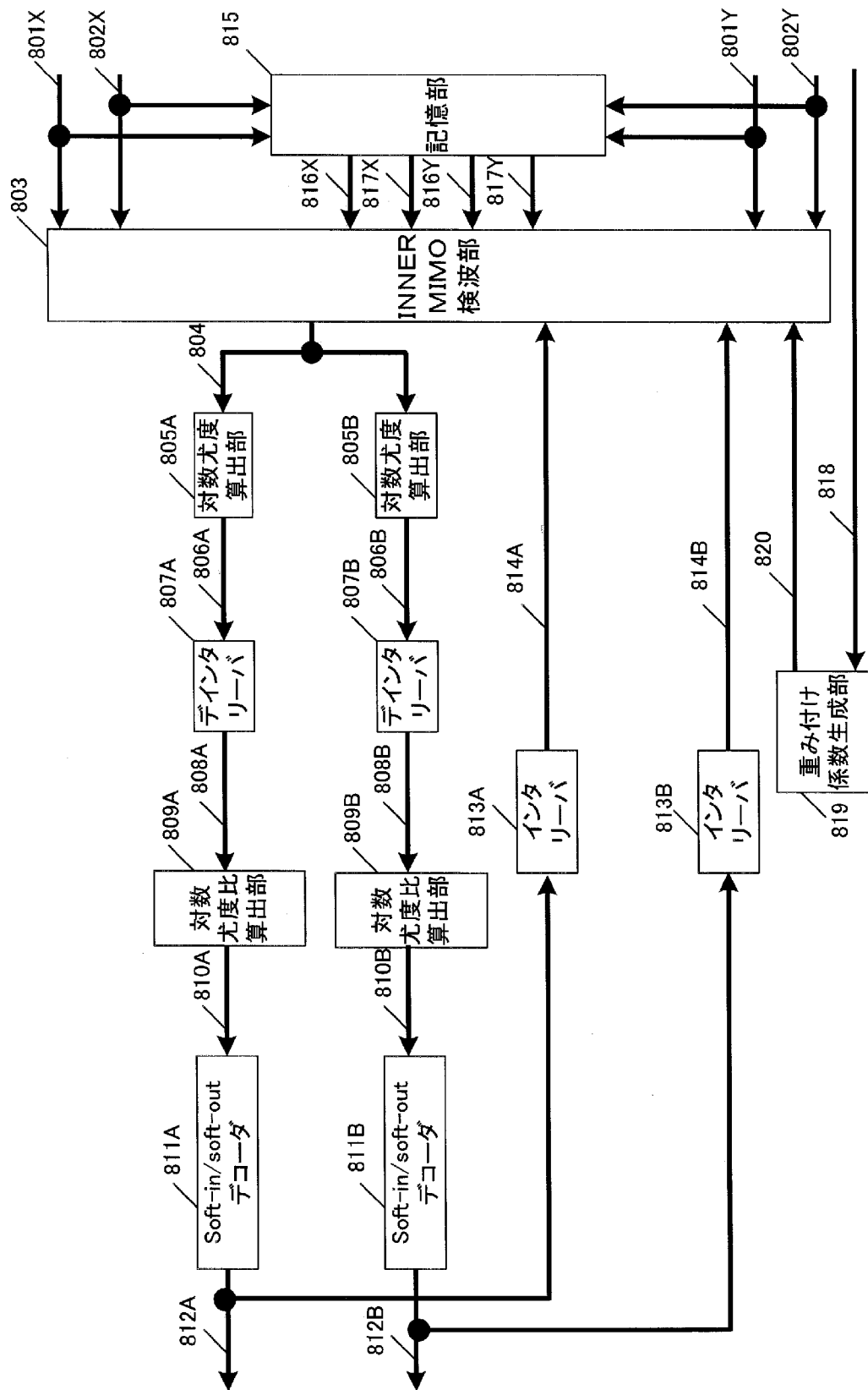
[図6]



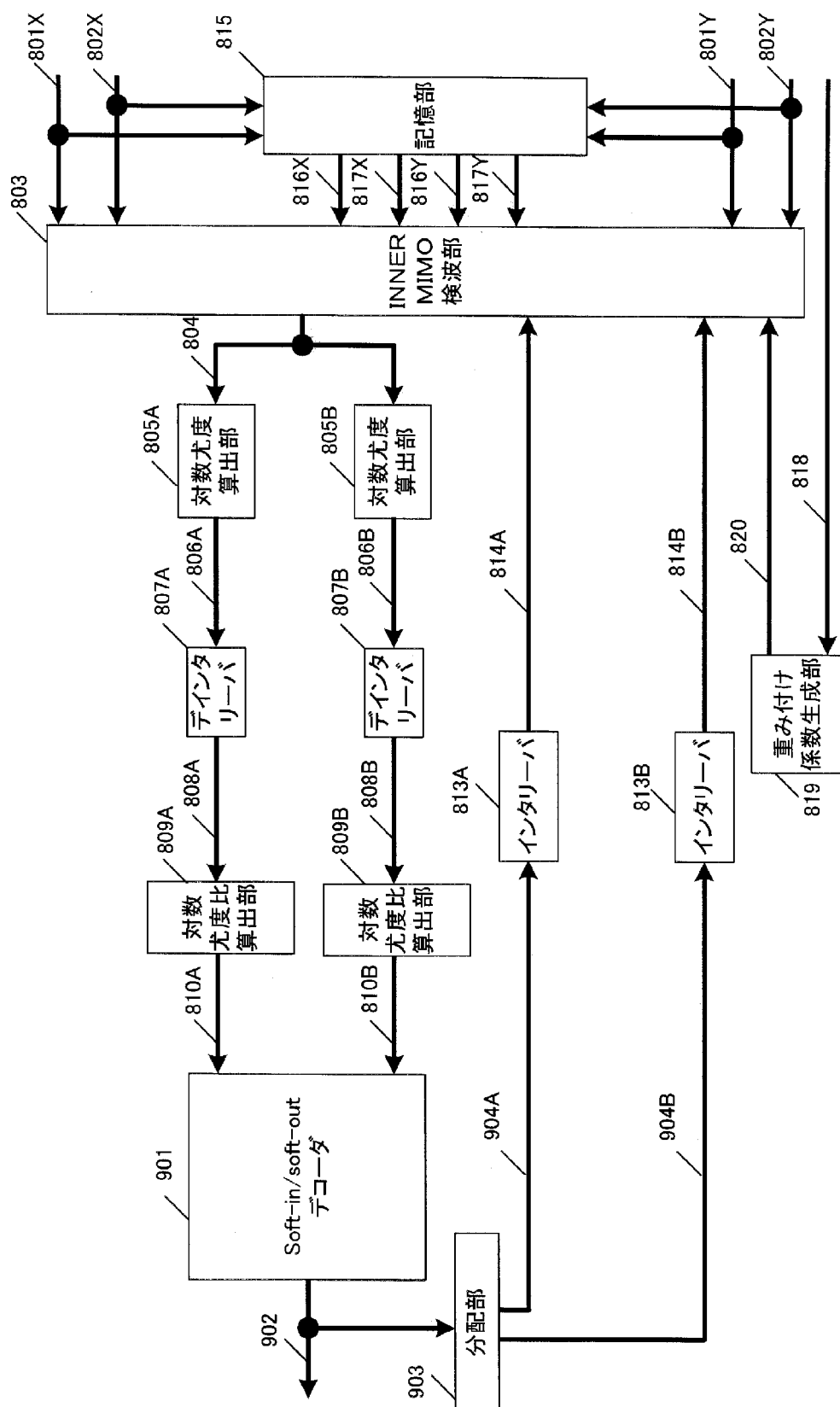
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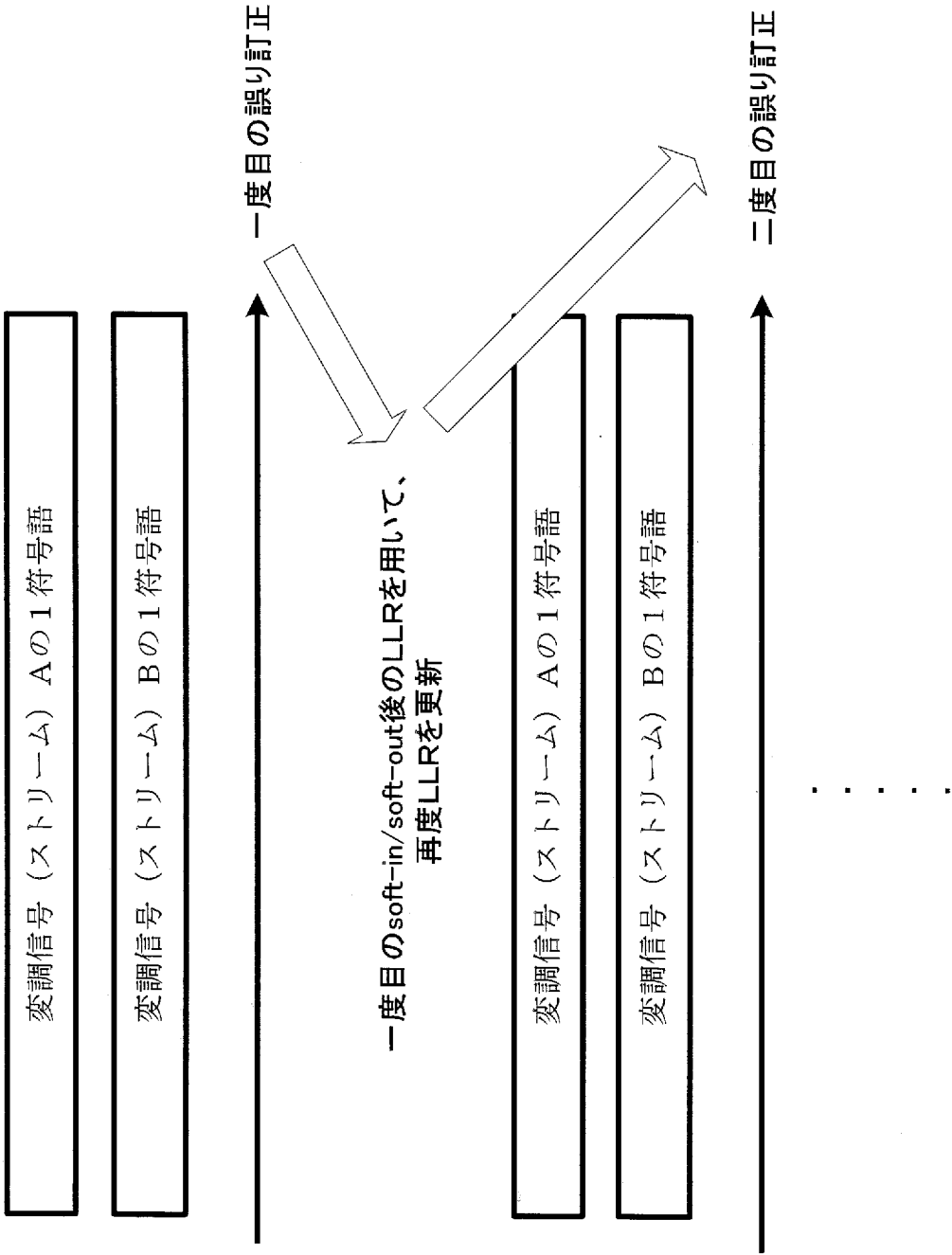
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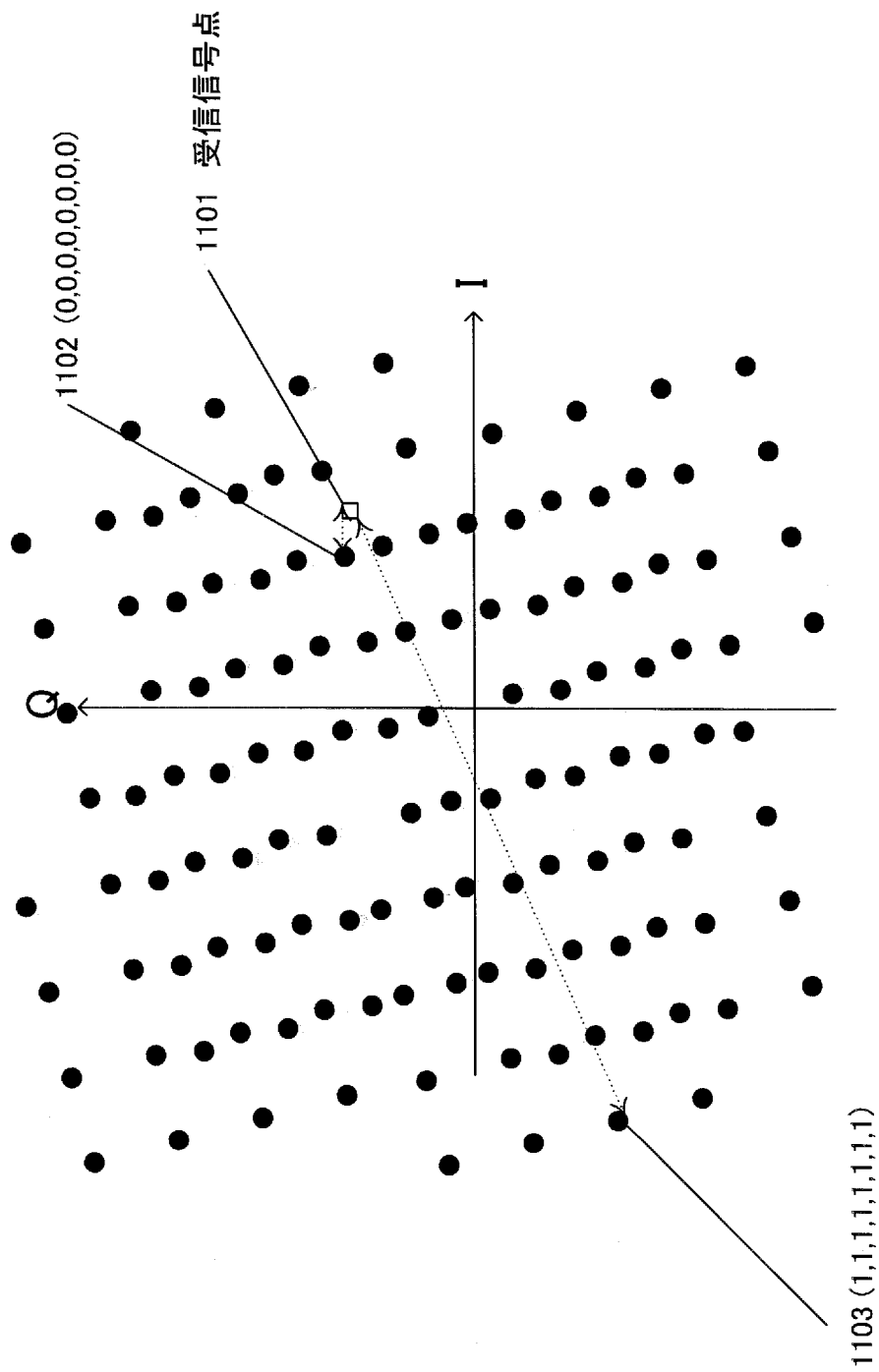
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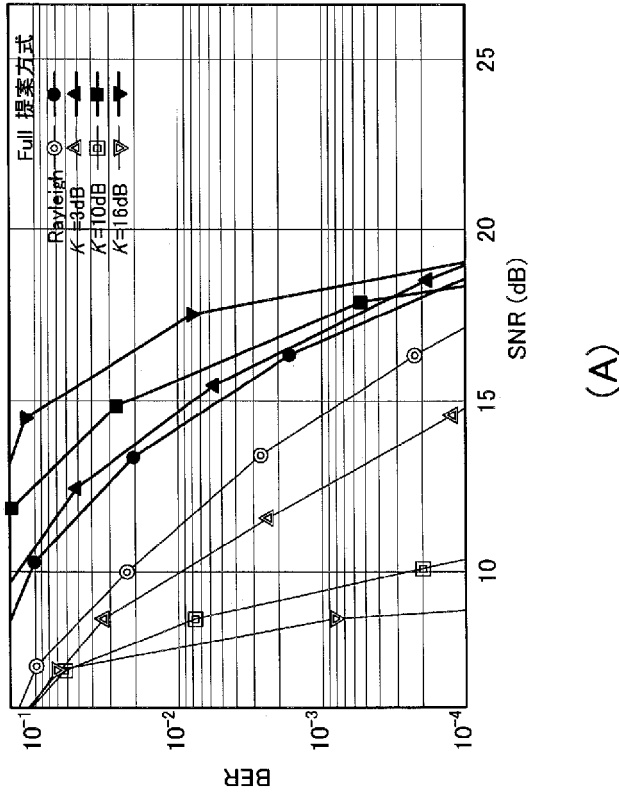
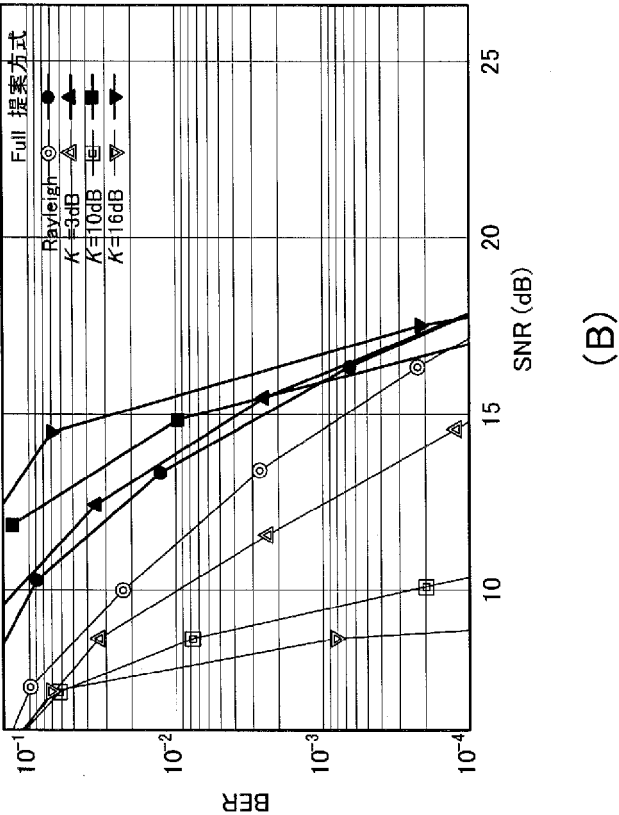
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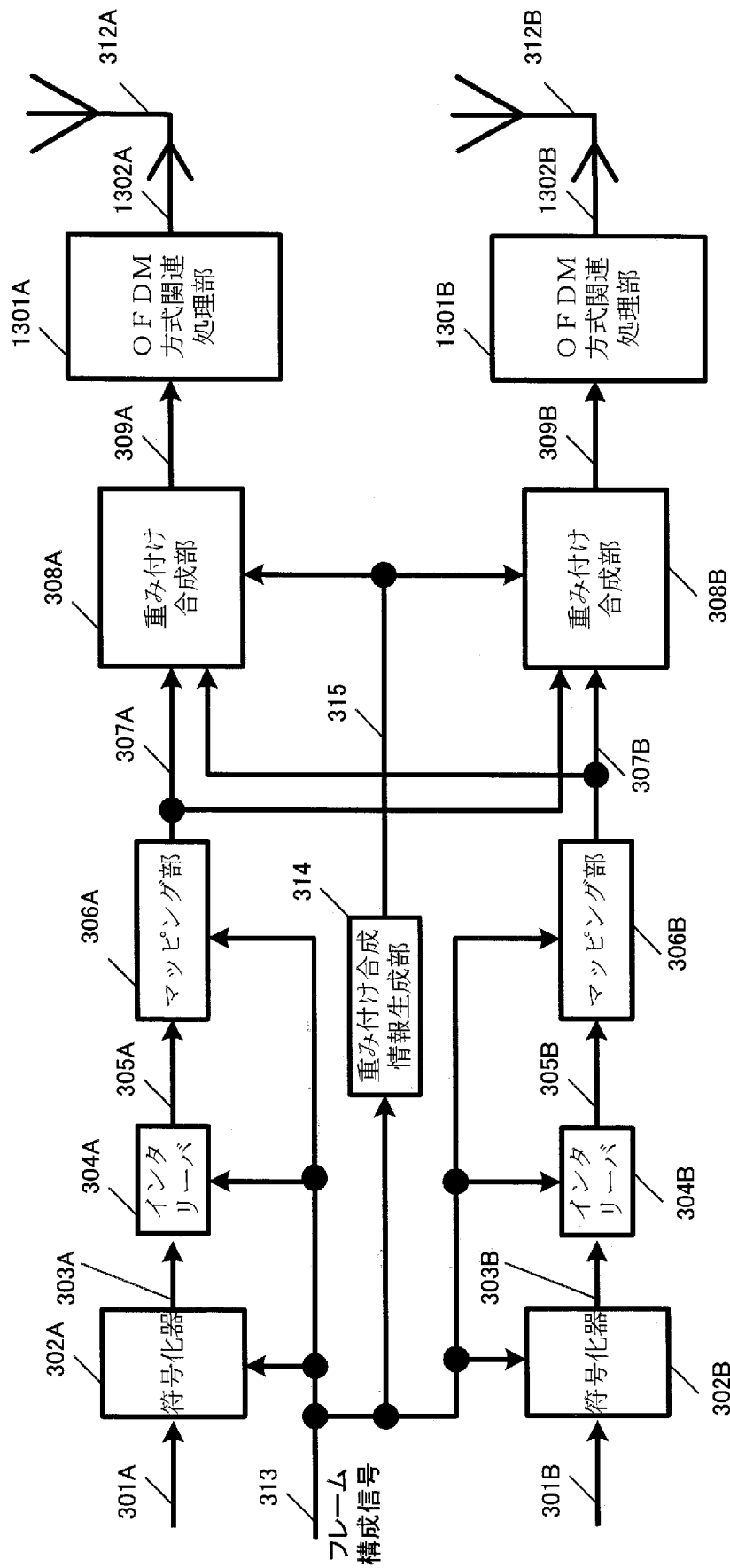
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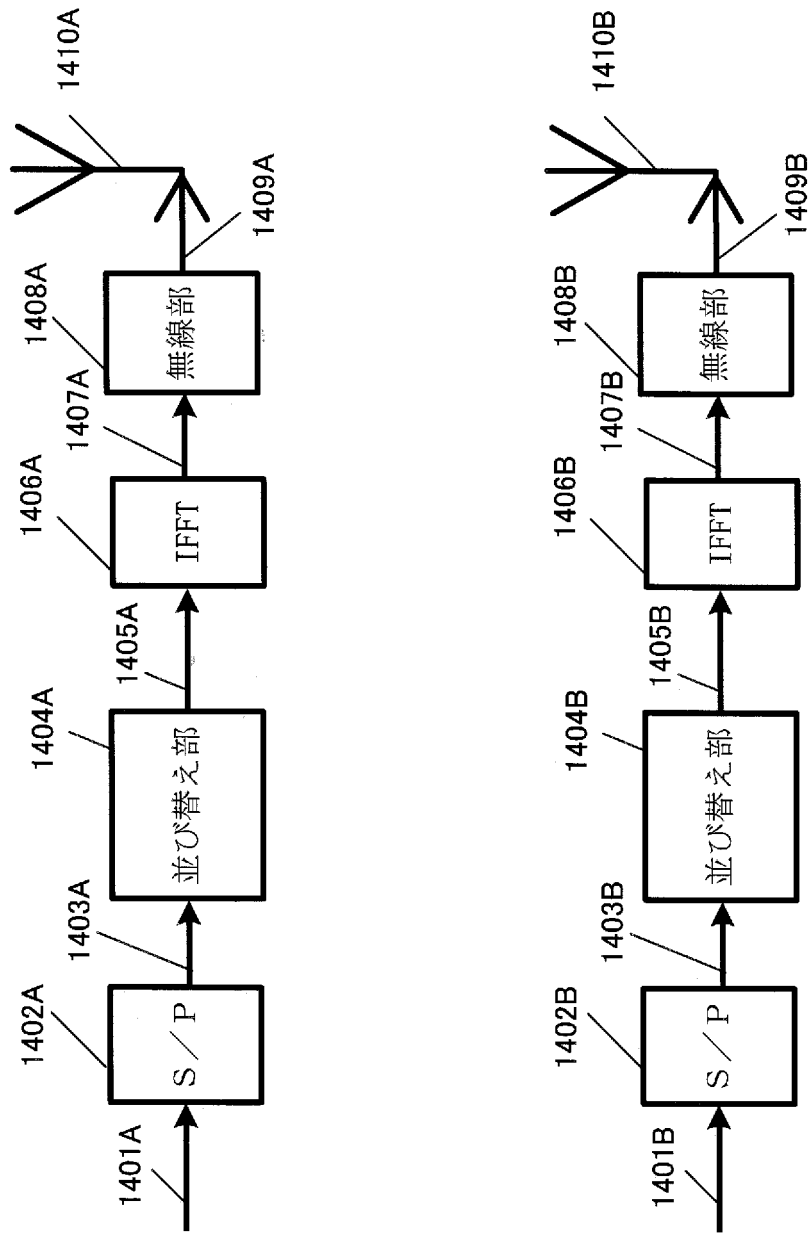
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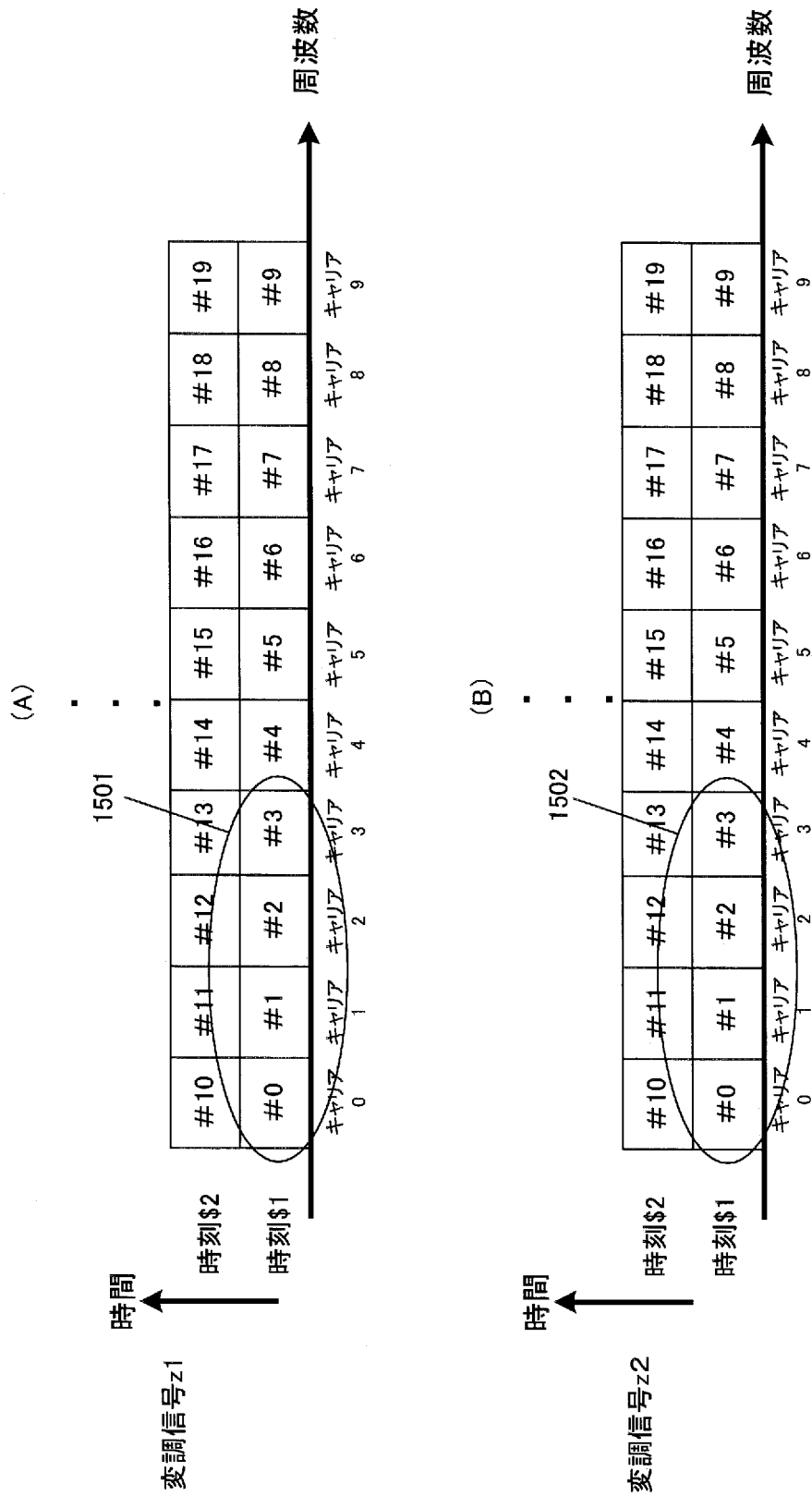
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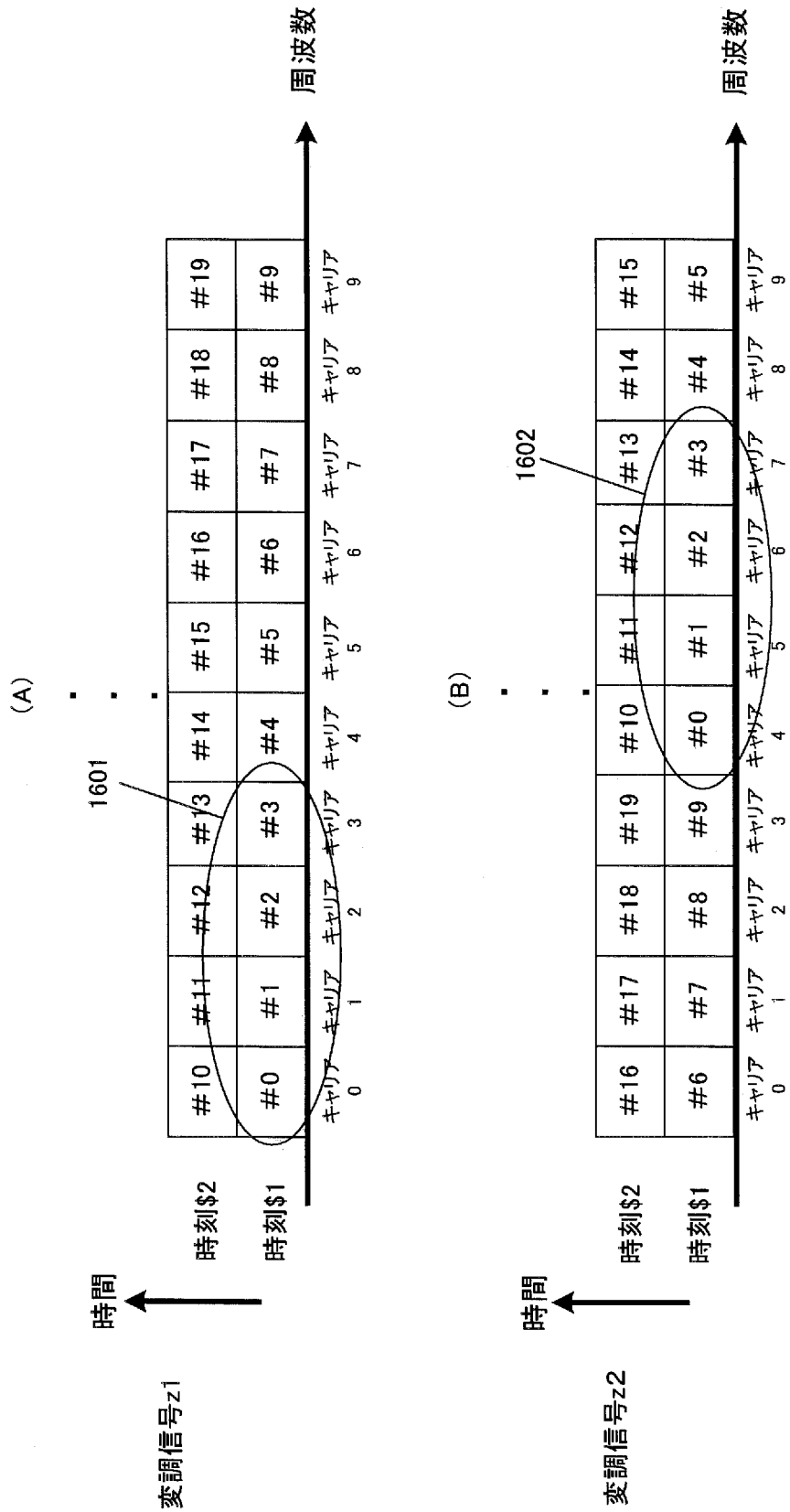
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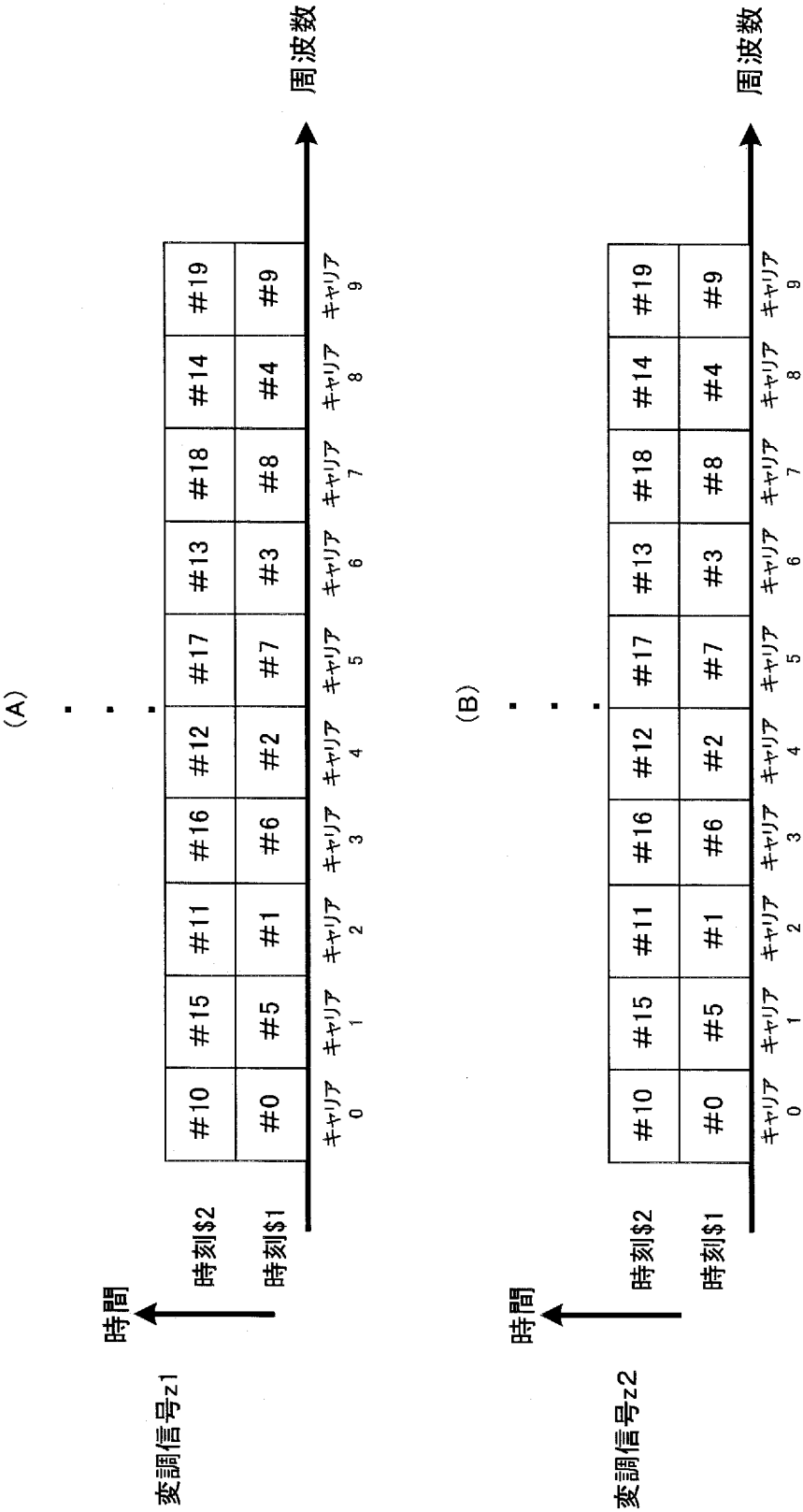
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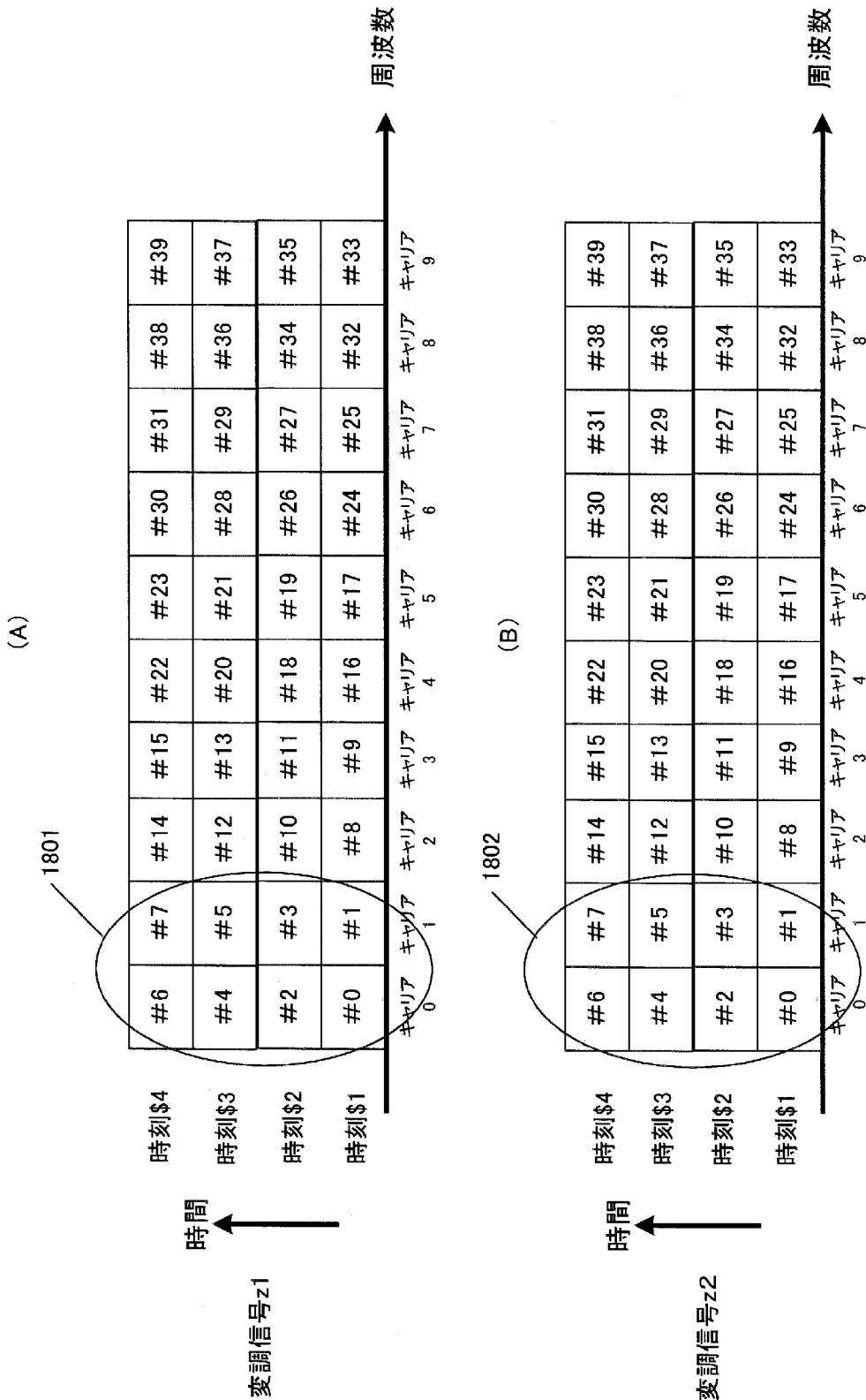
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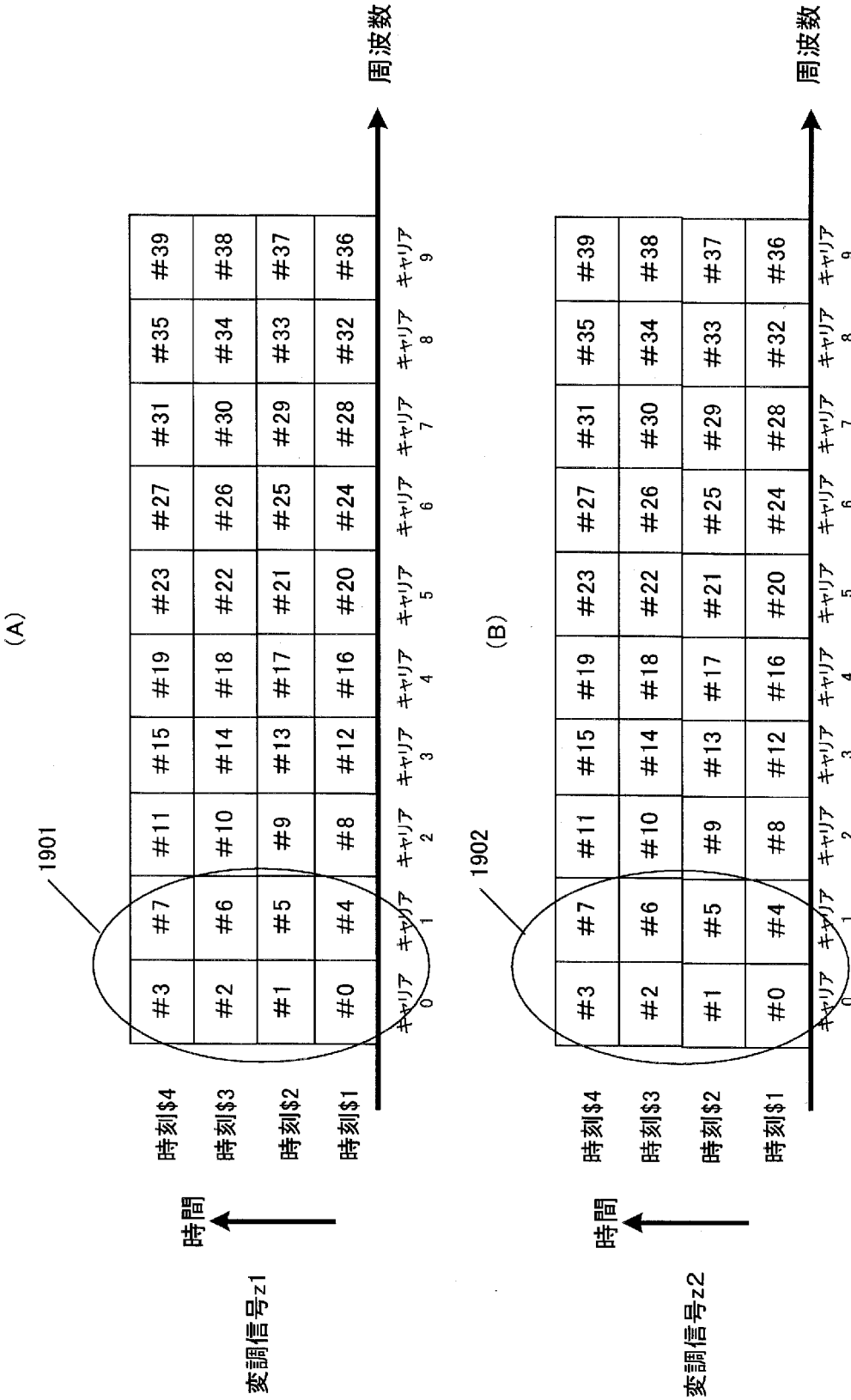
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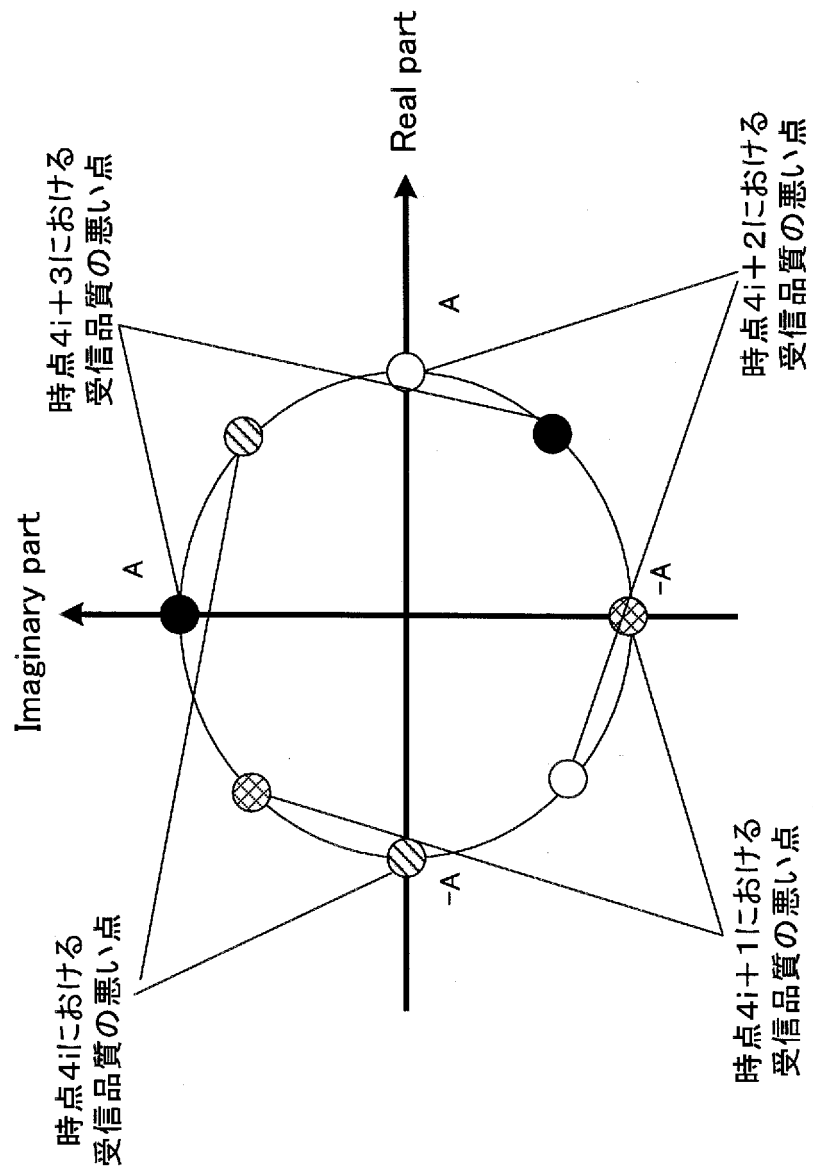
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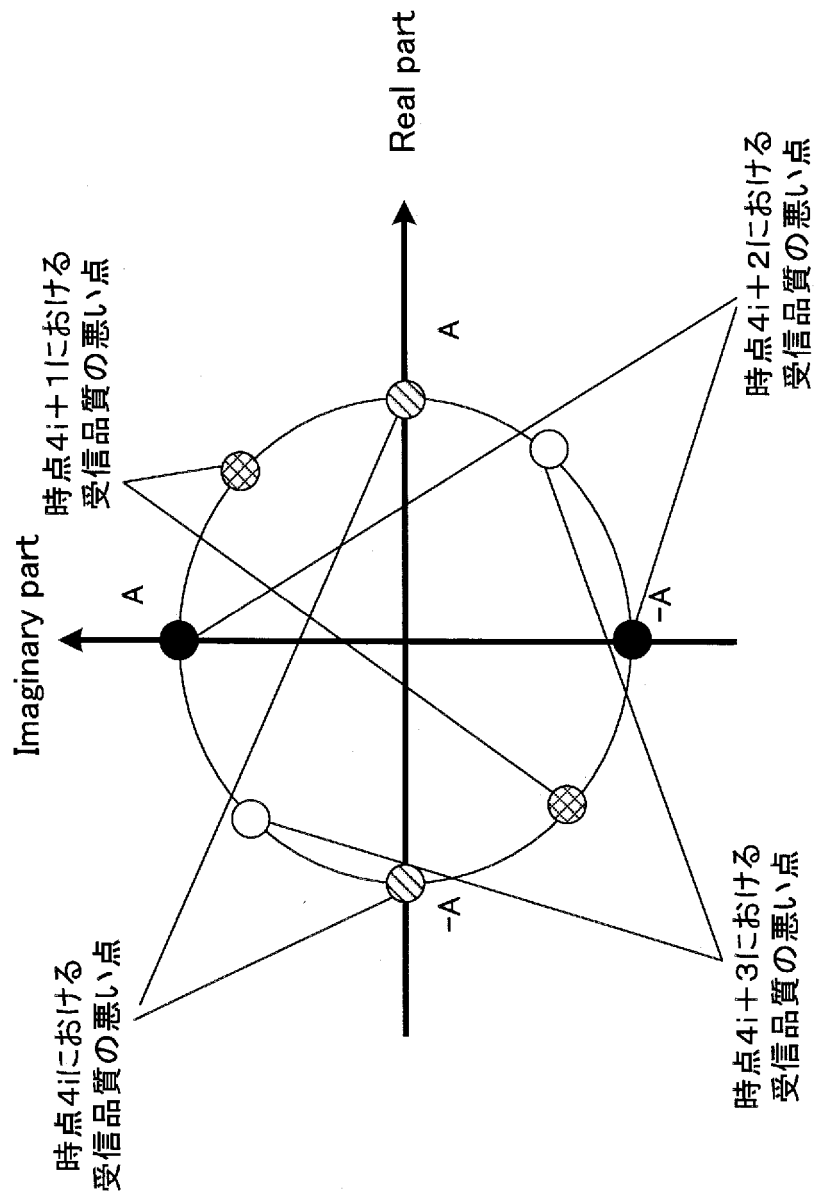
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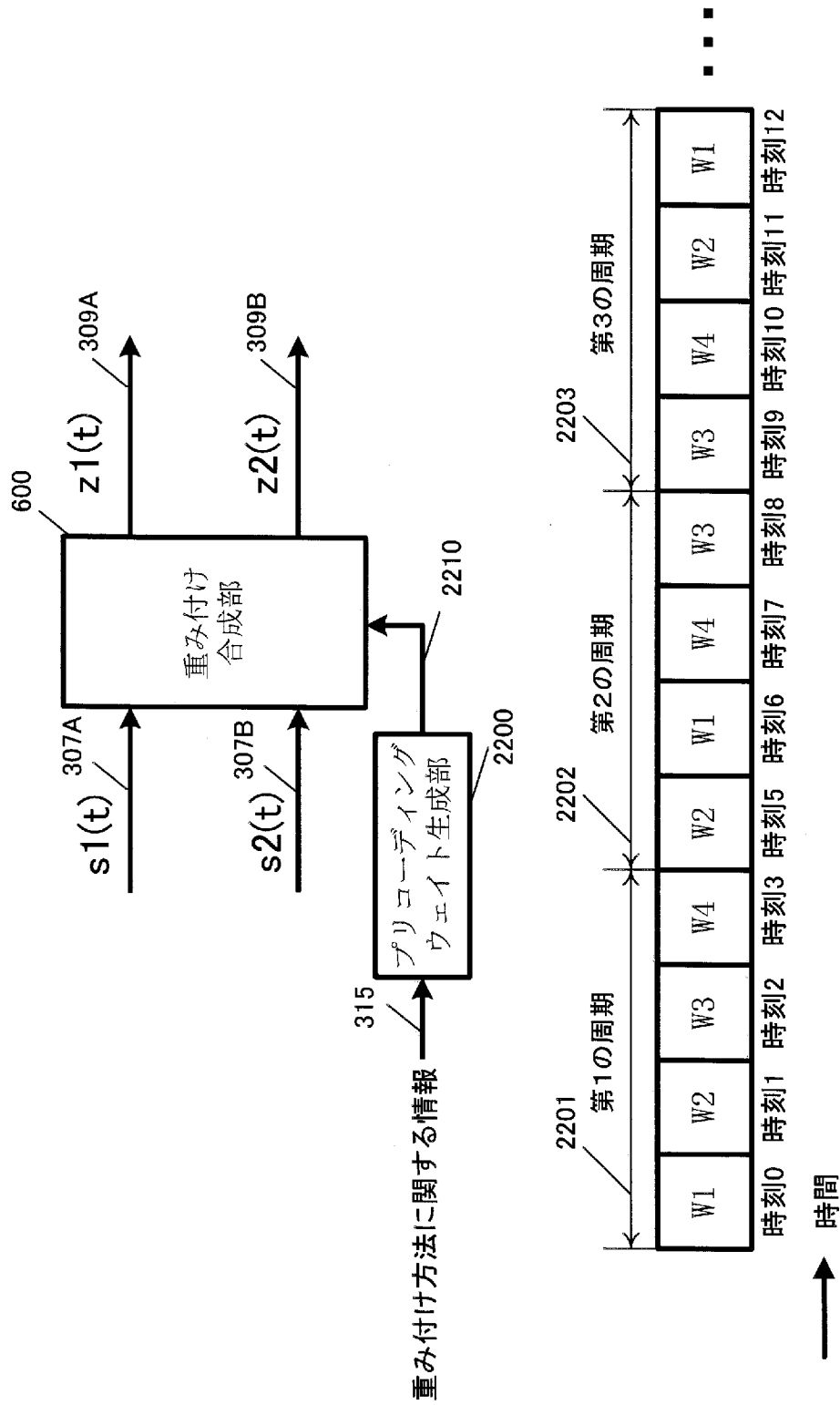
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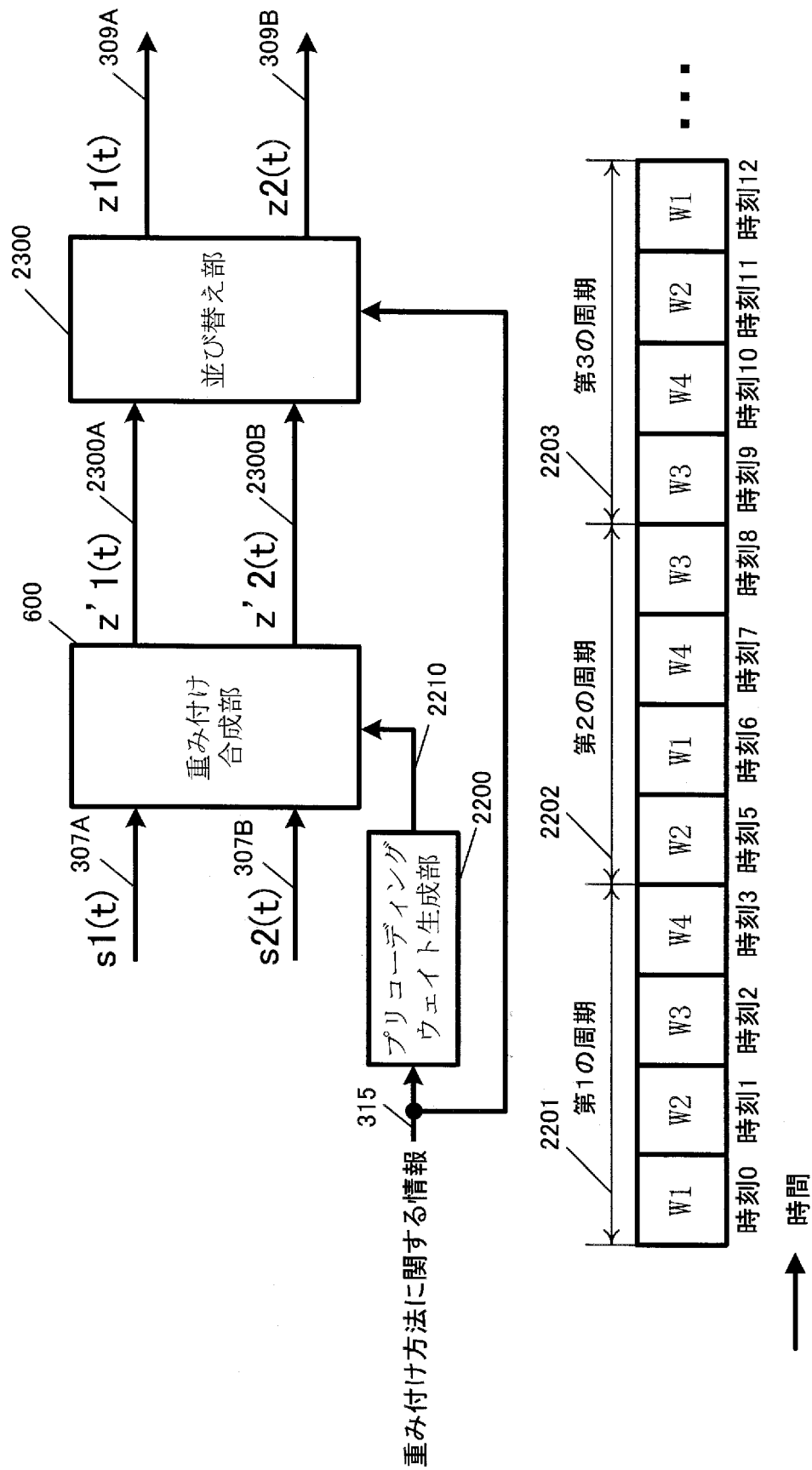
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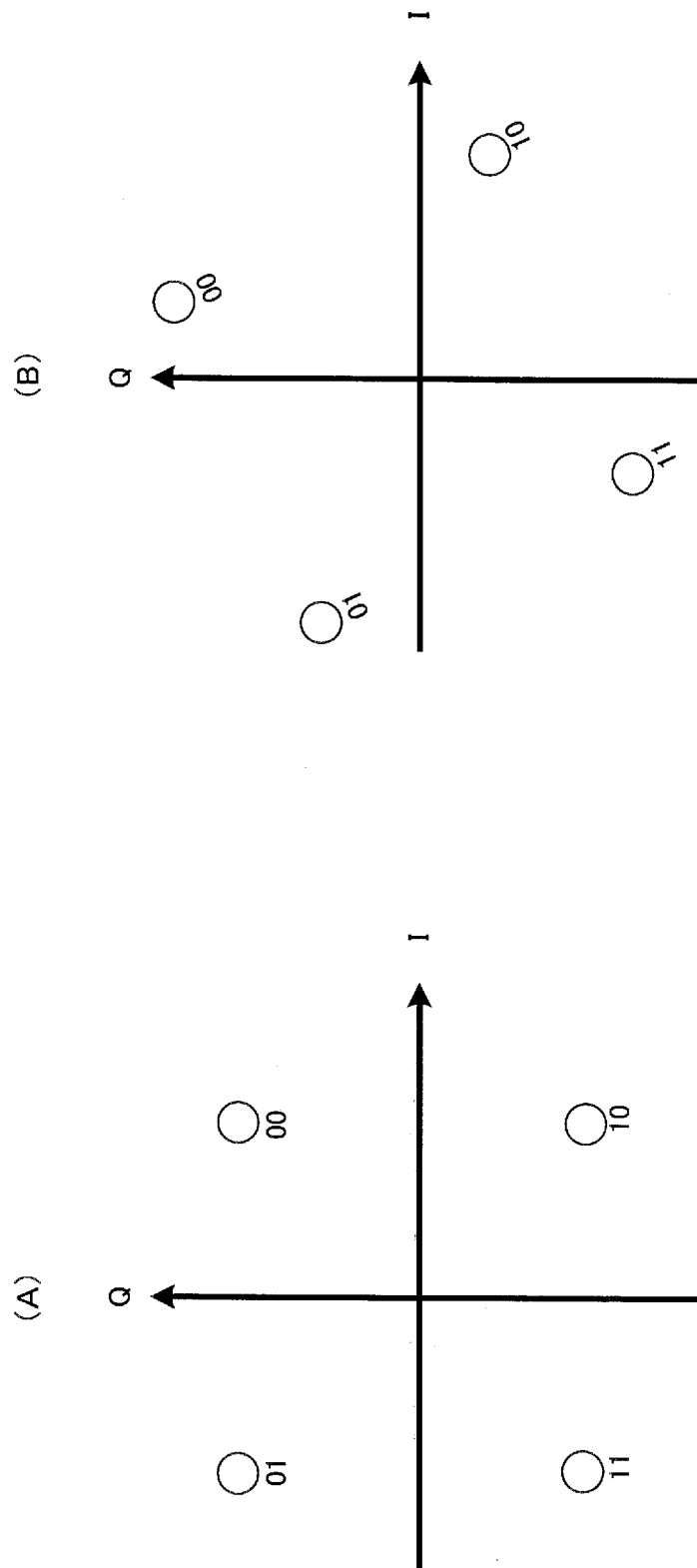
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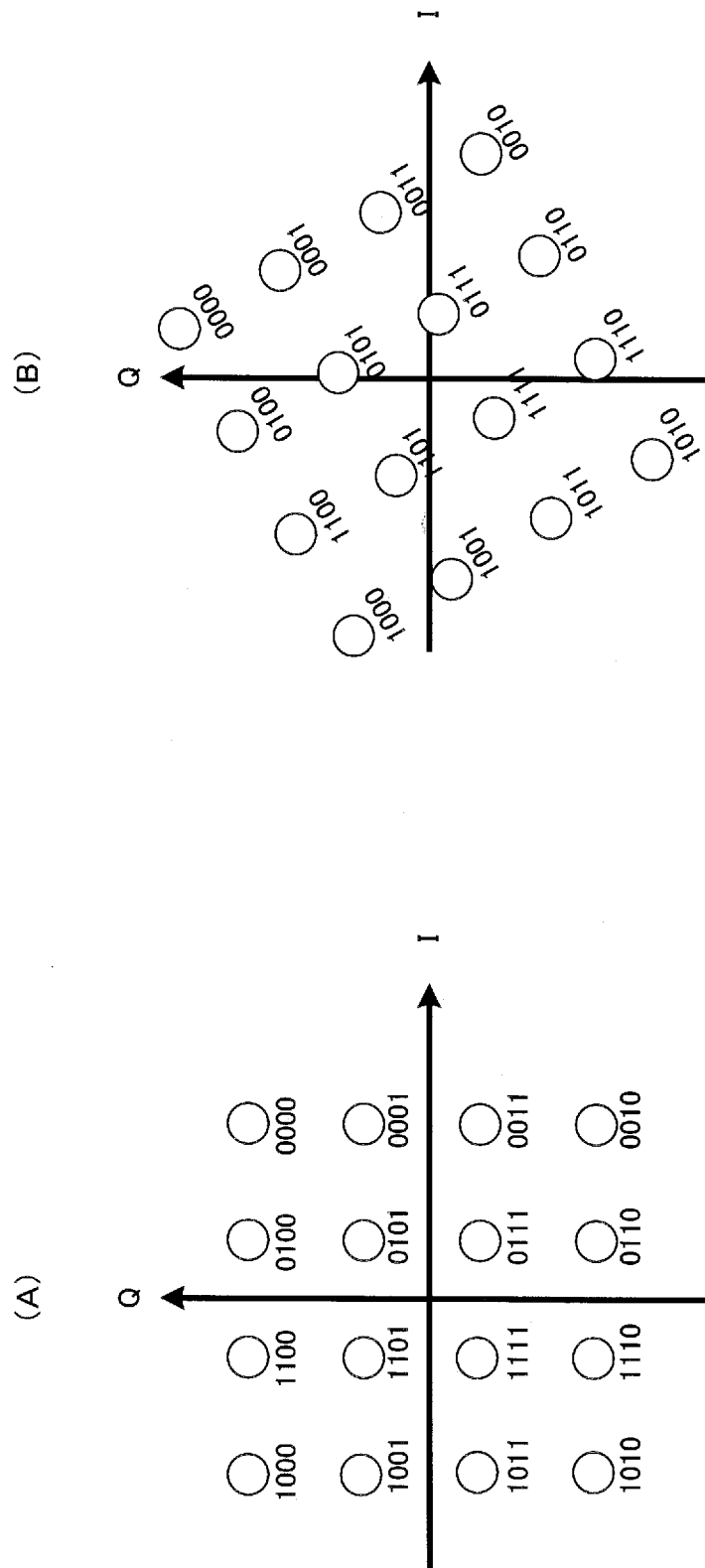
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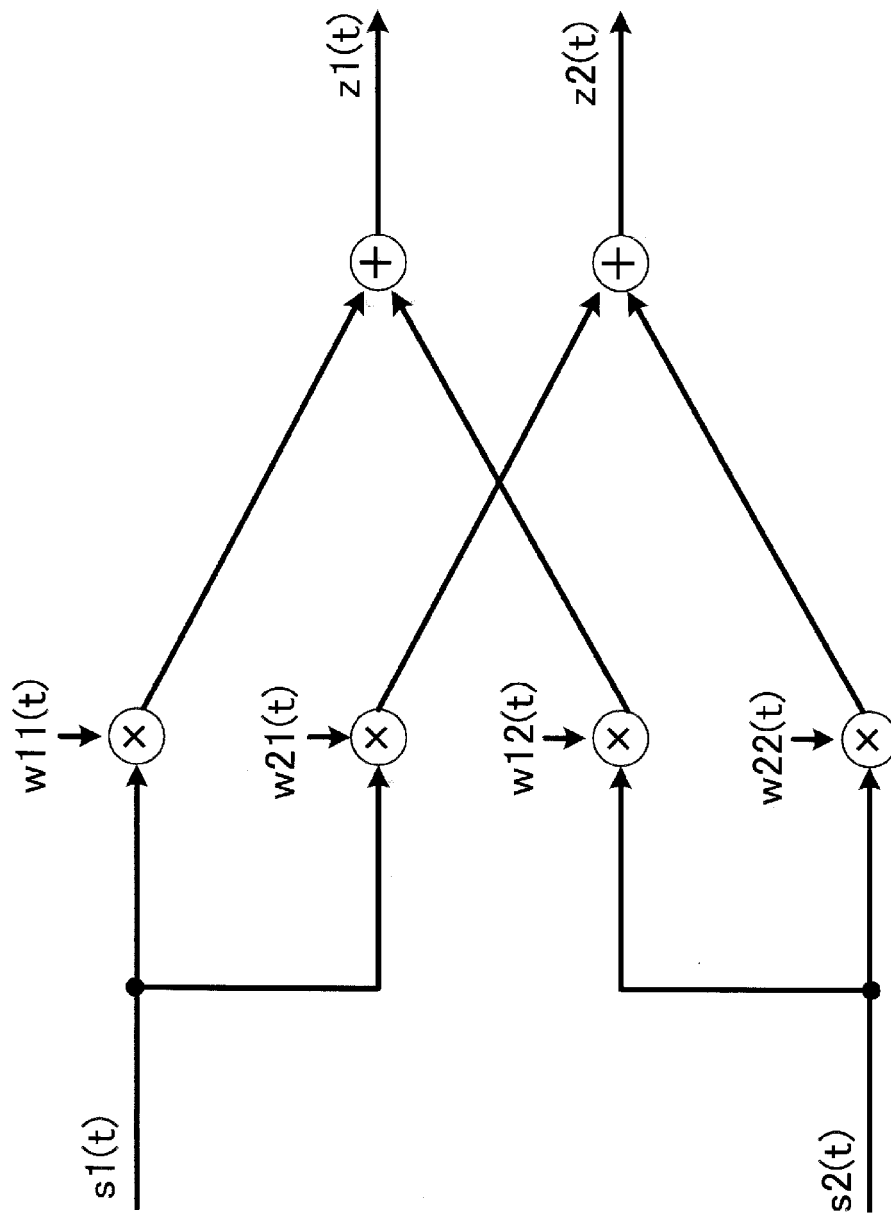
[図24]



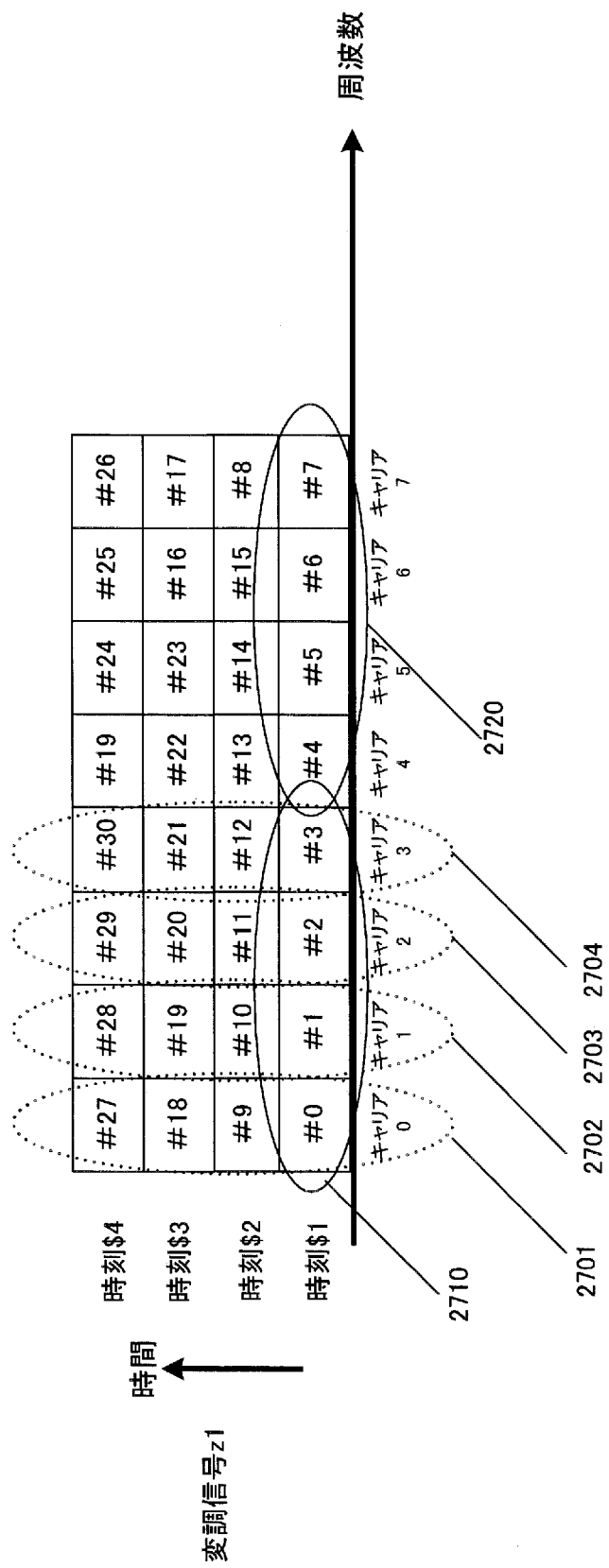
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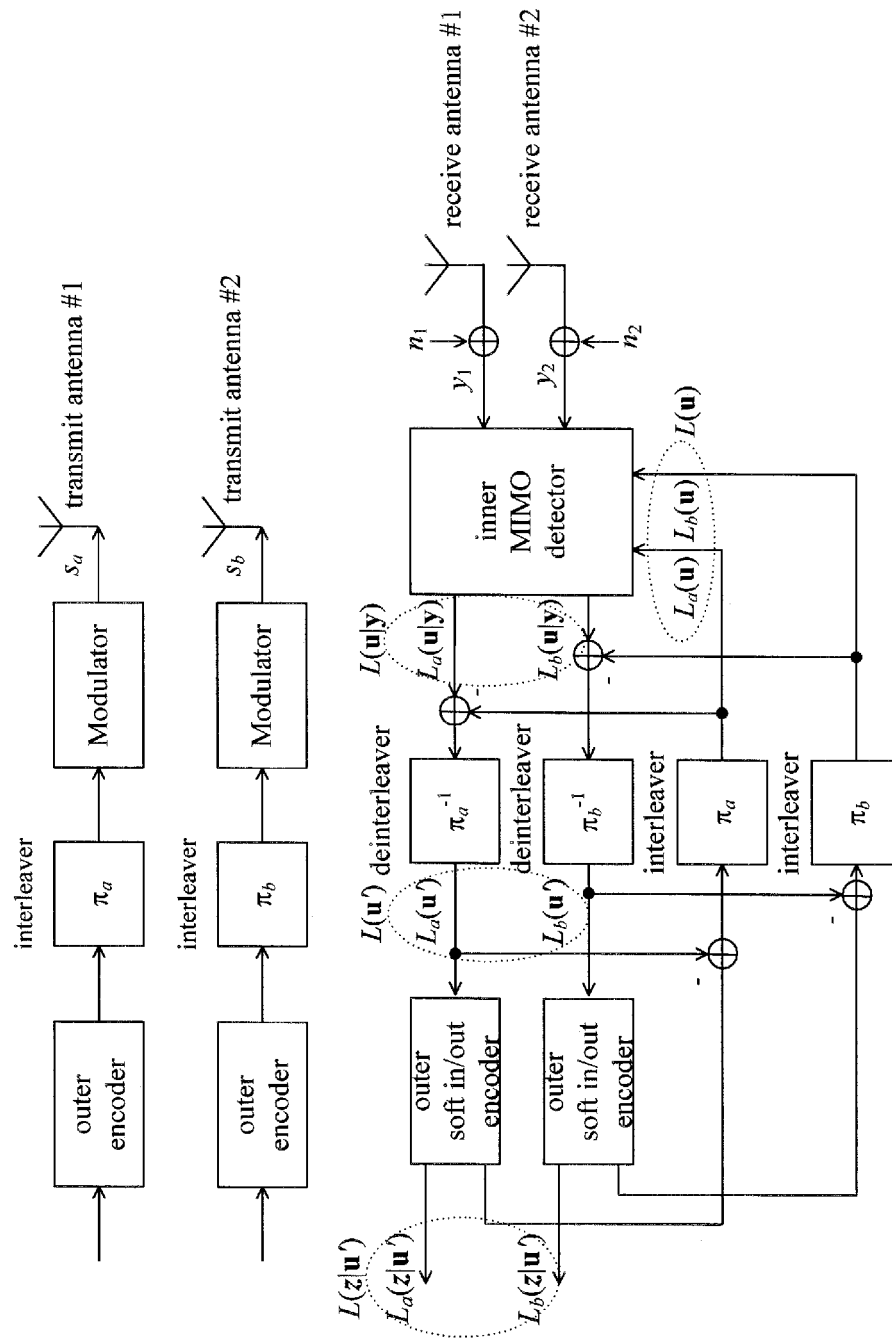
[図26]



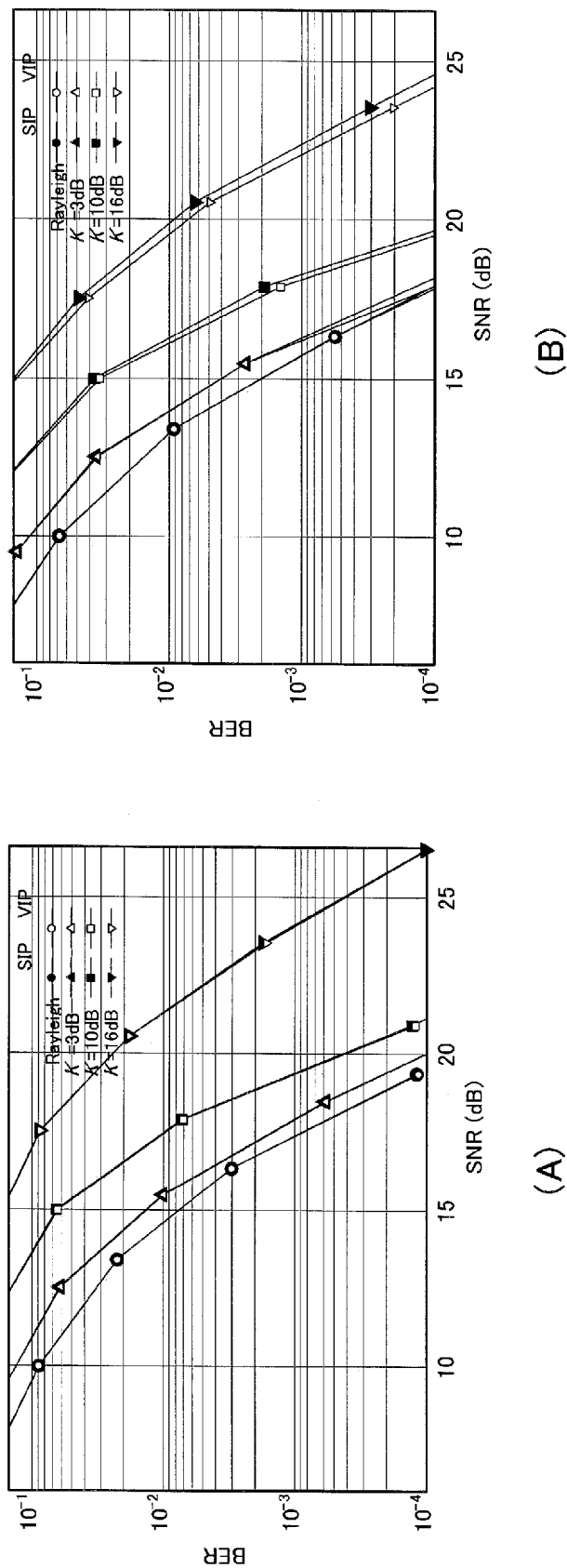
[図27]



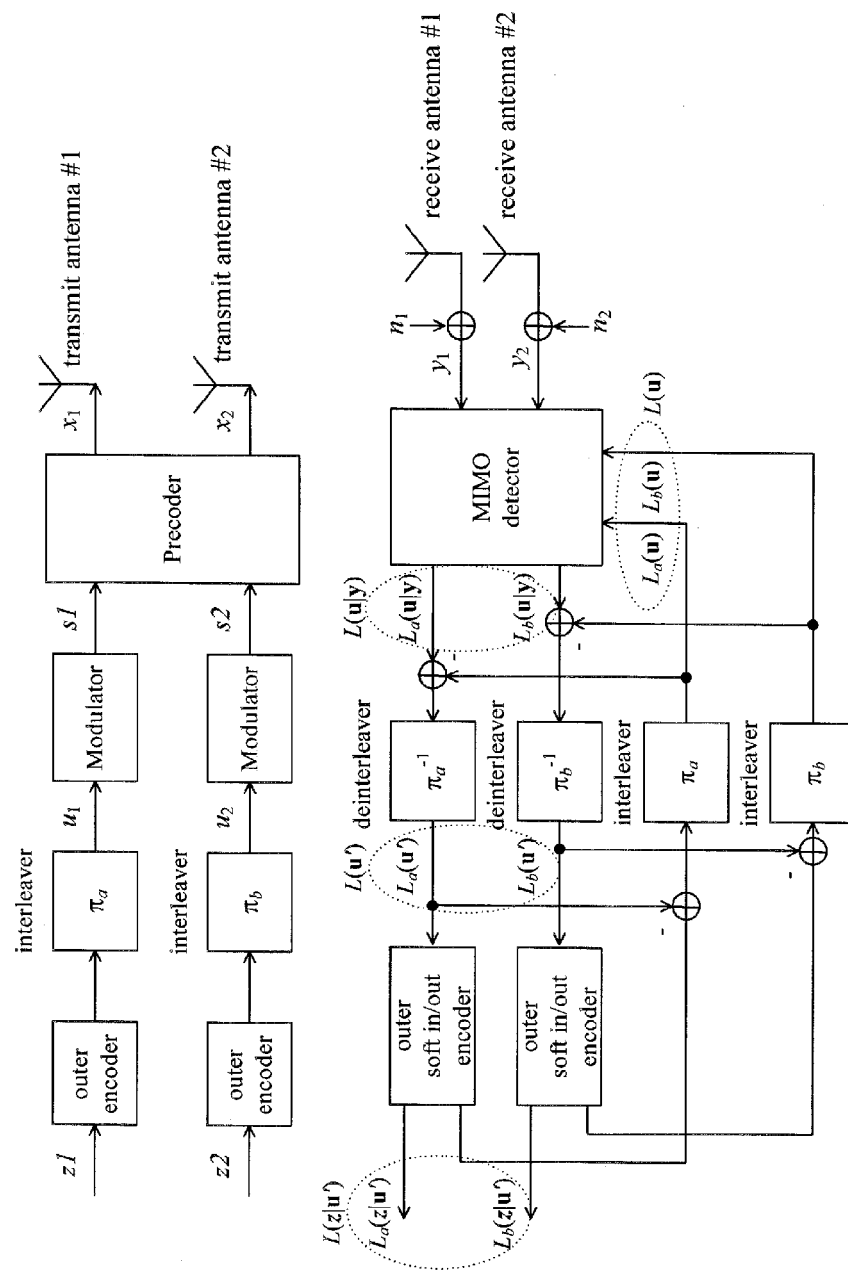
[図28]



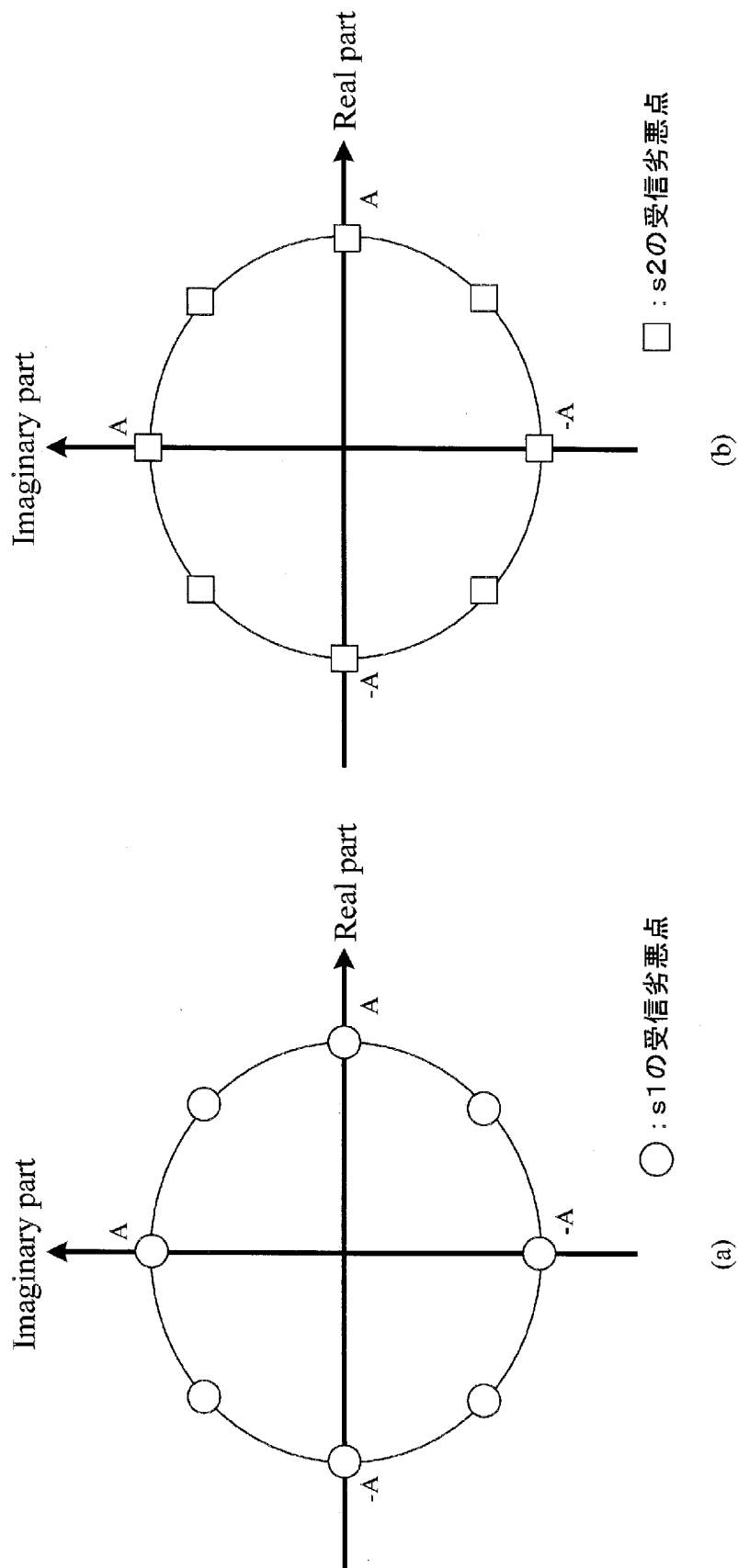
[図29]



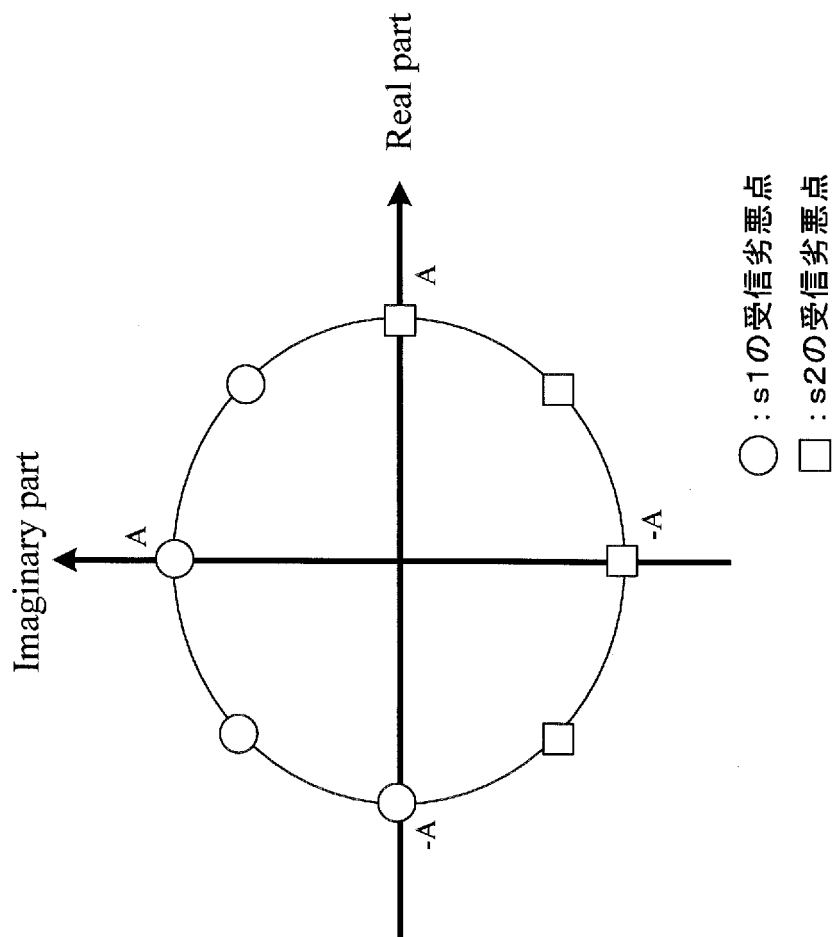
[図30]



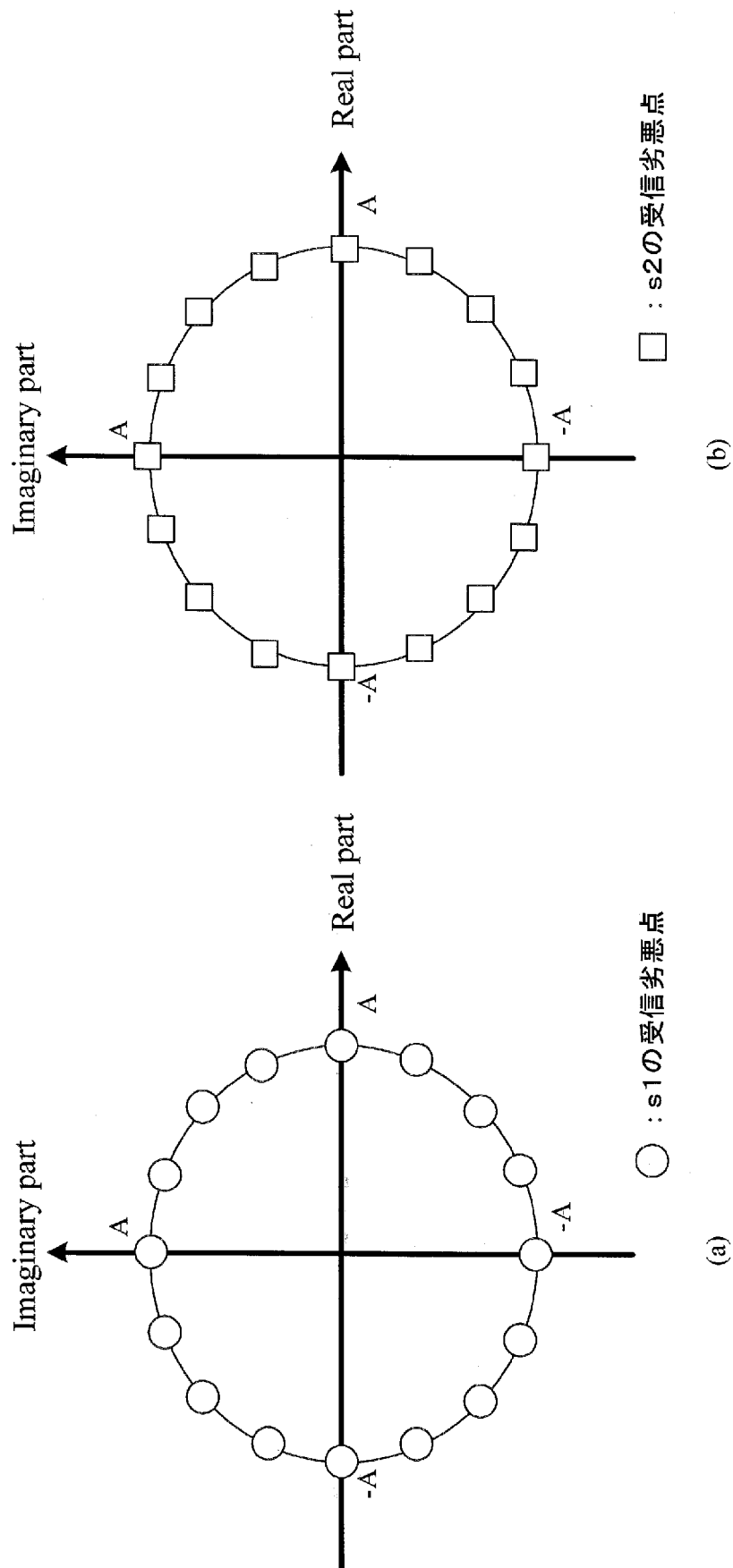
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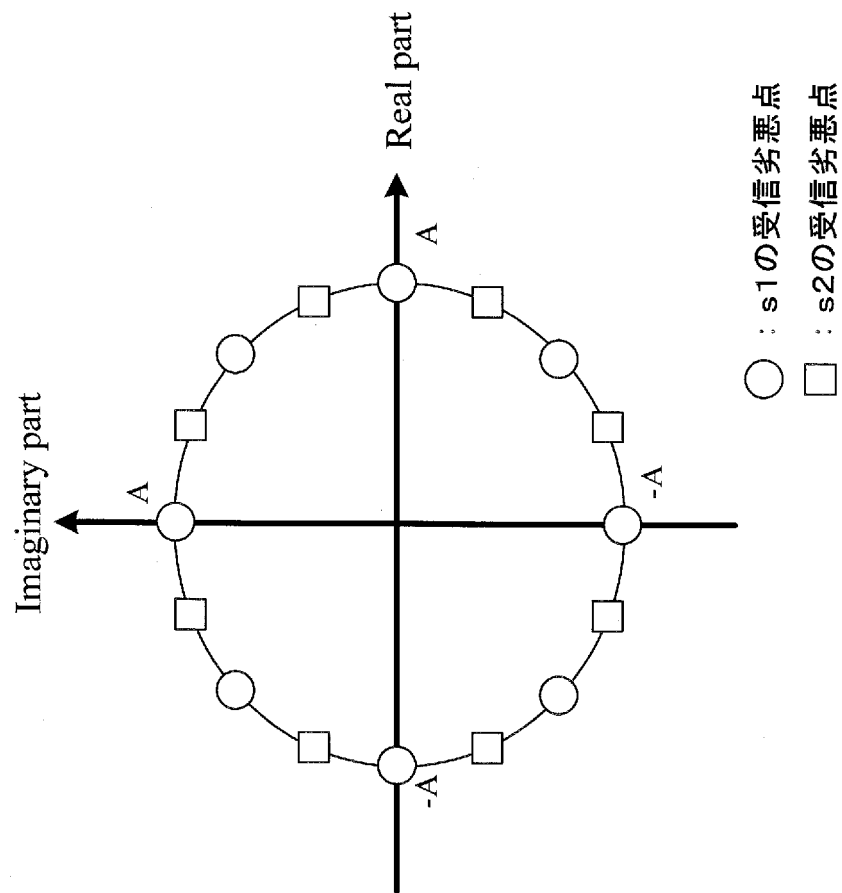
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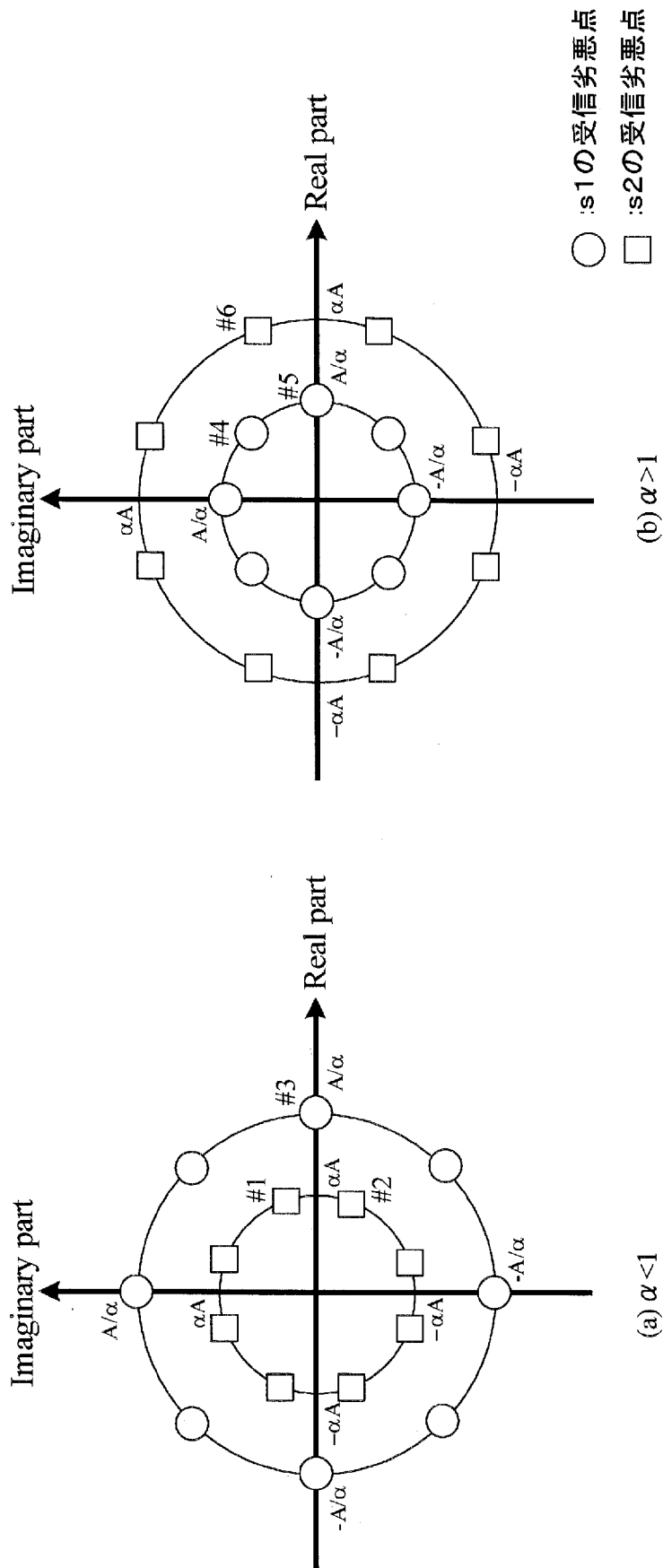
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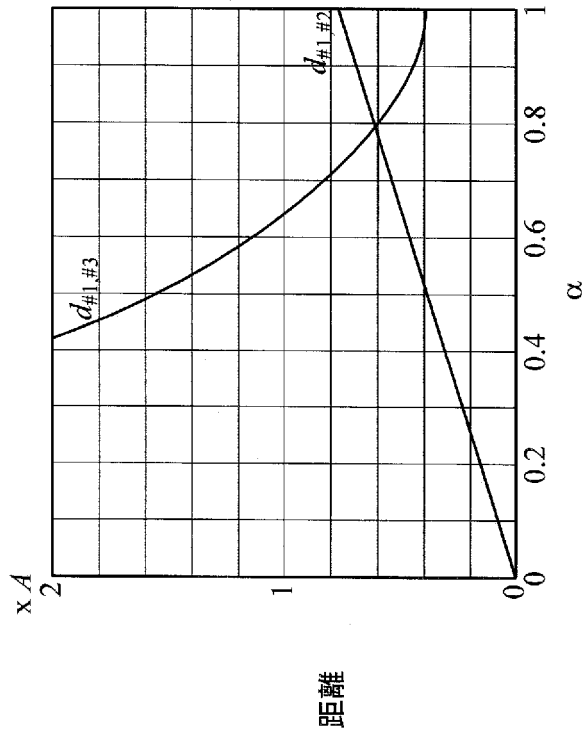
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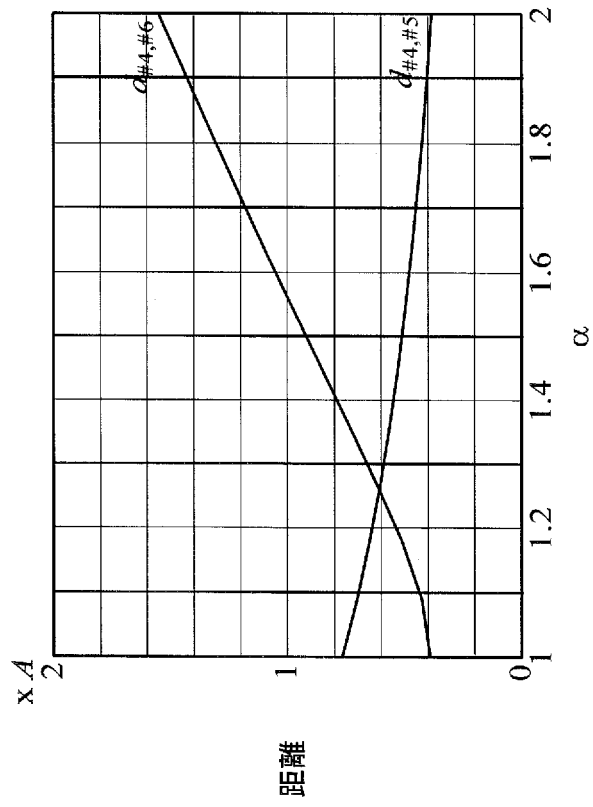
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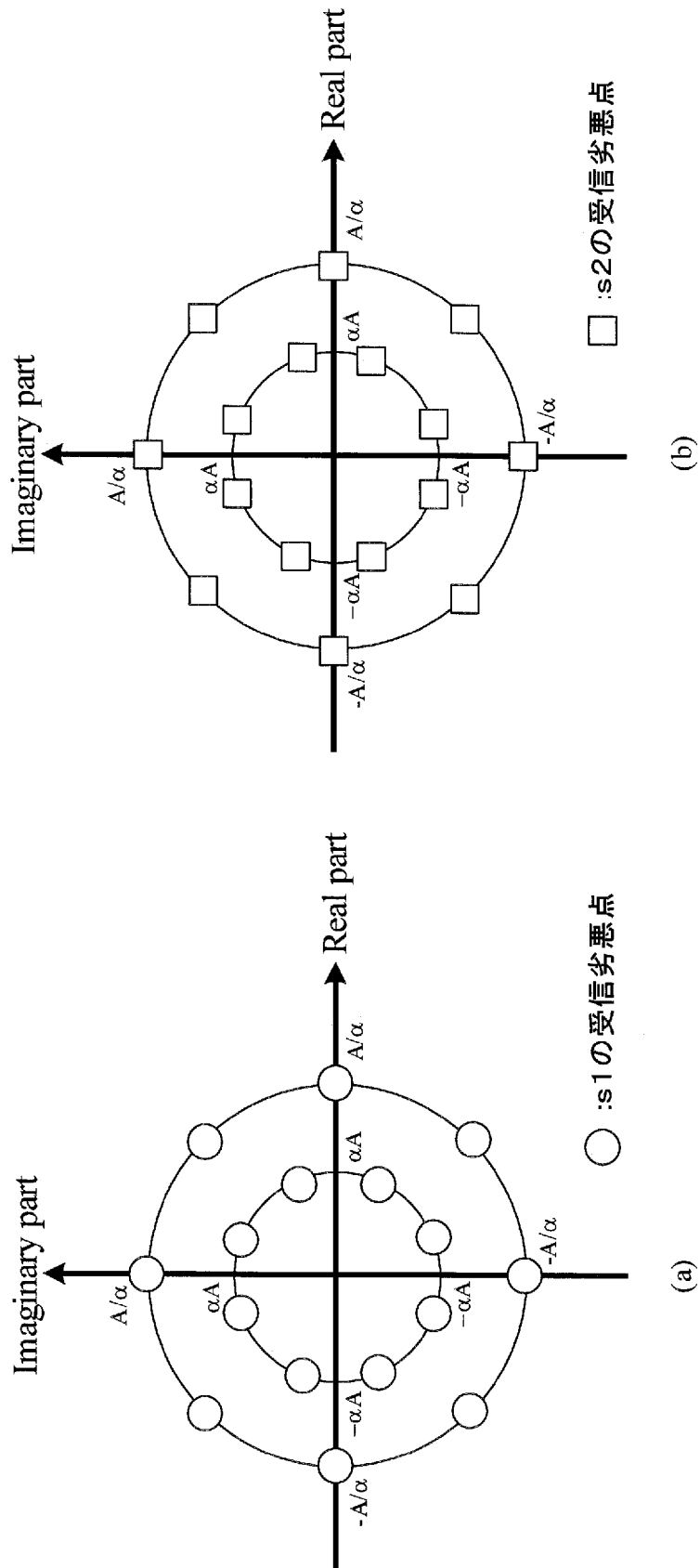
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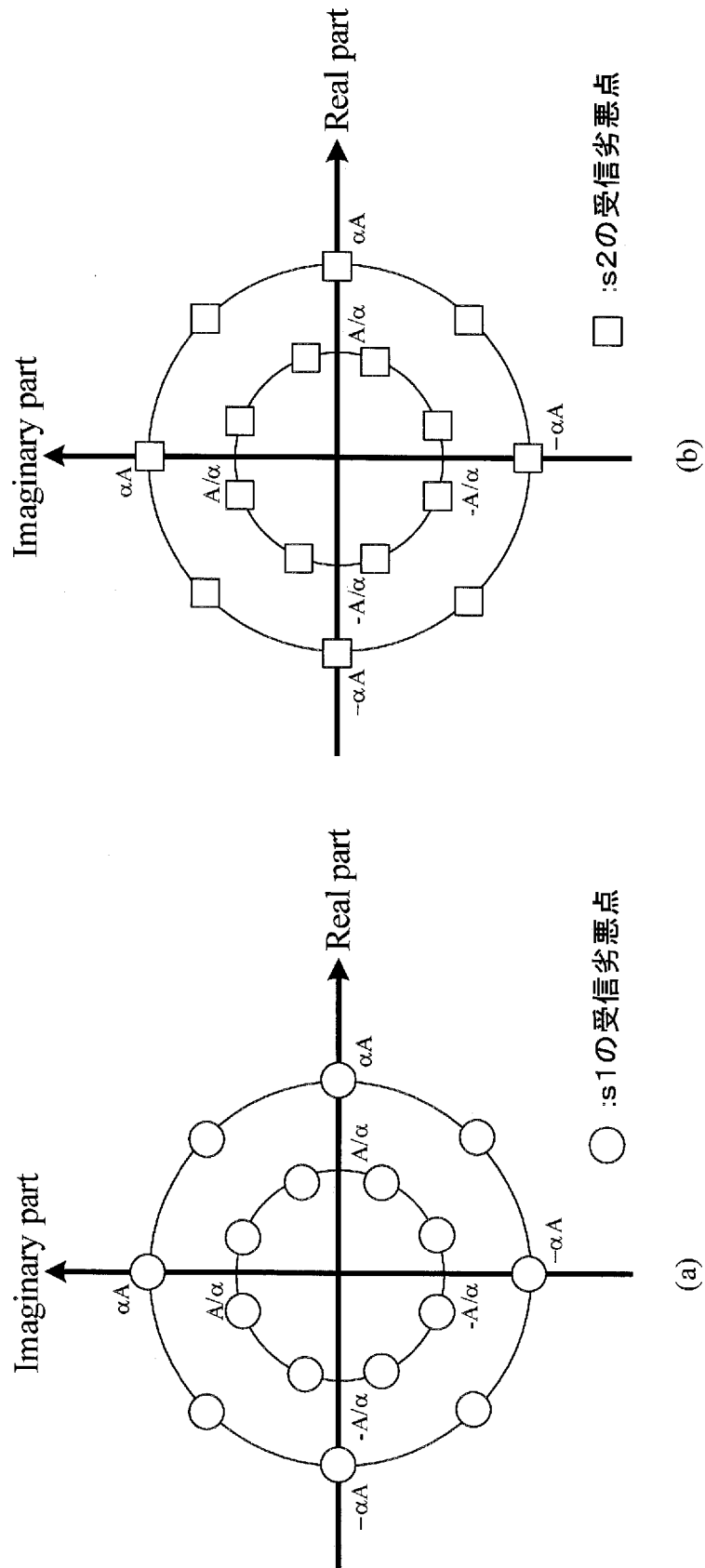
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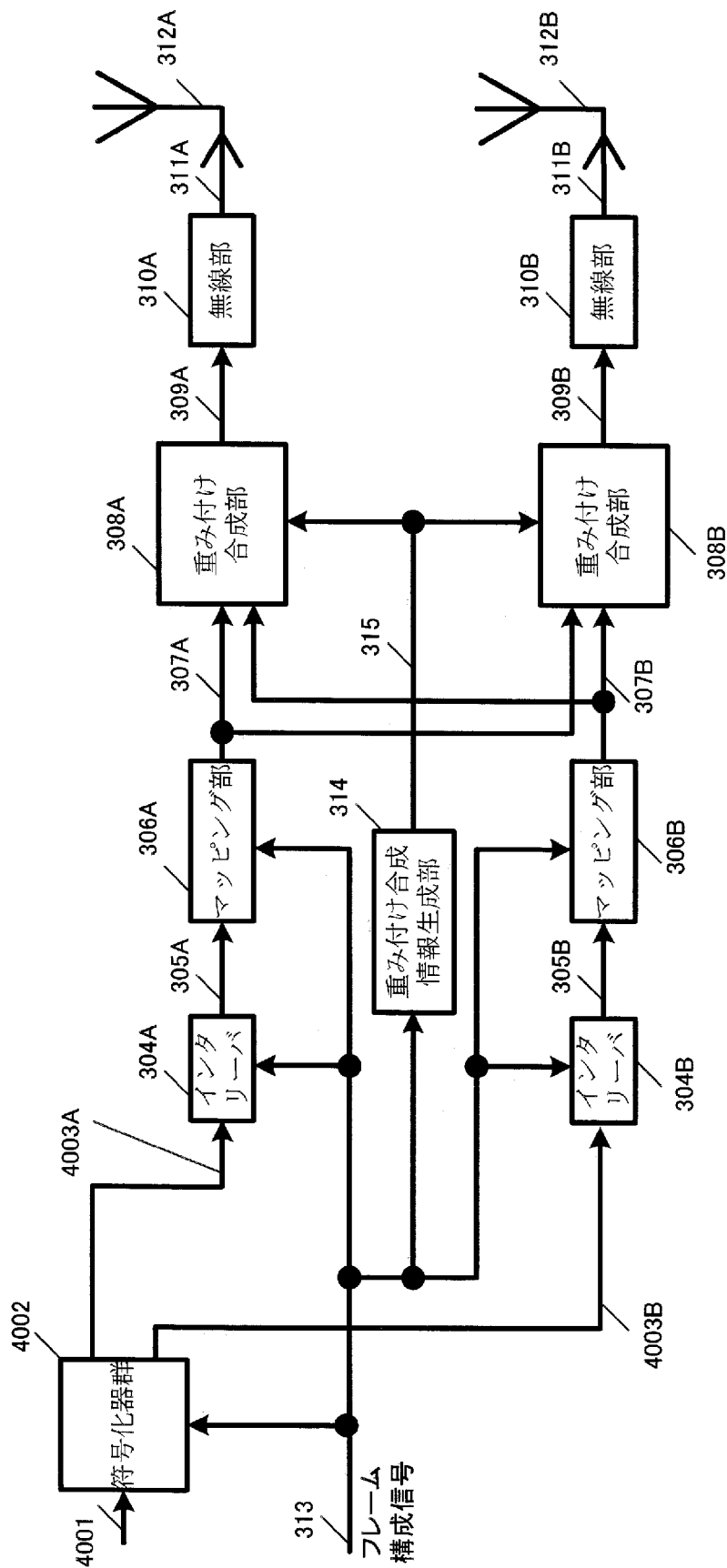
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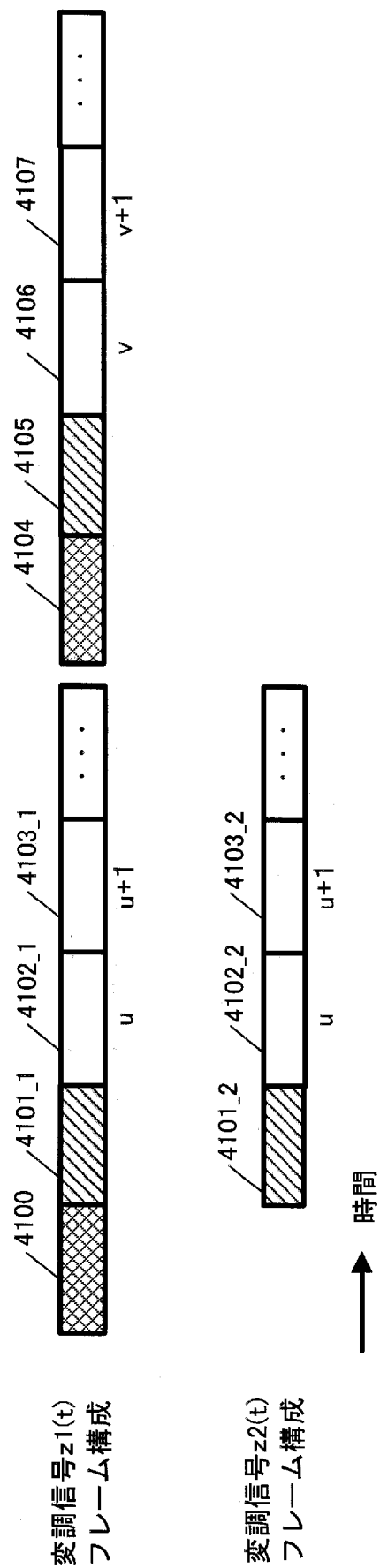
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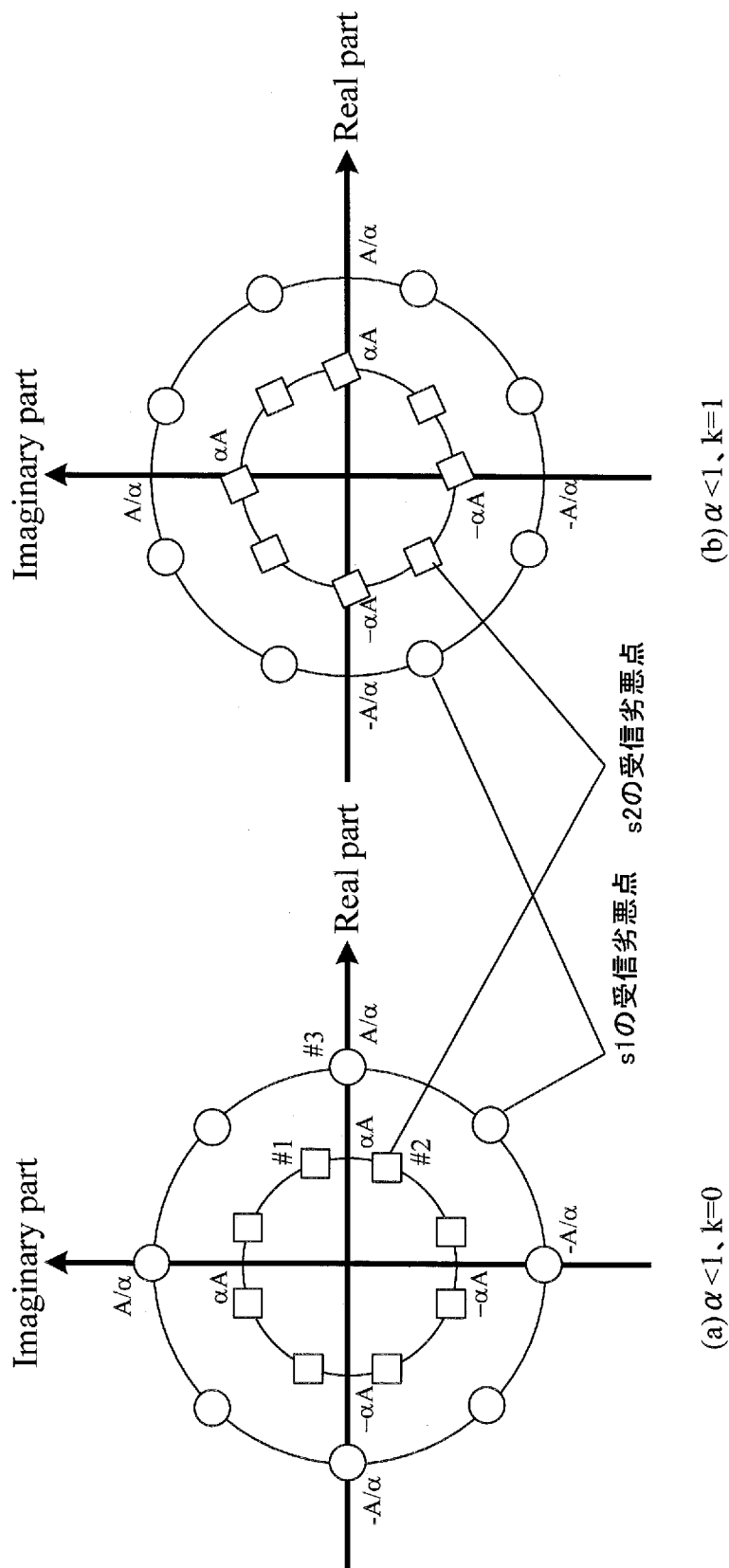
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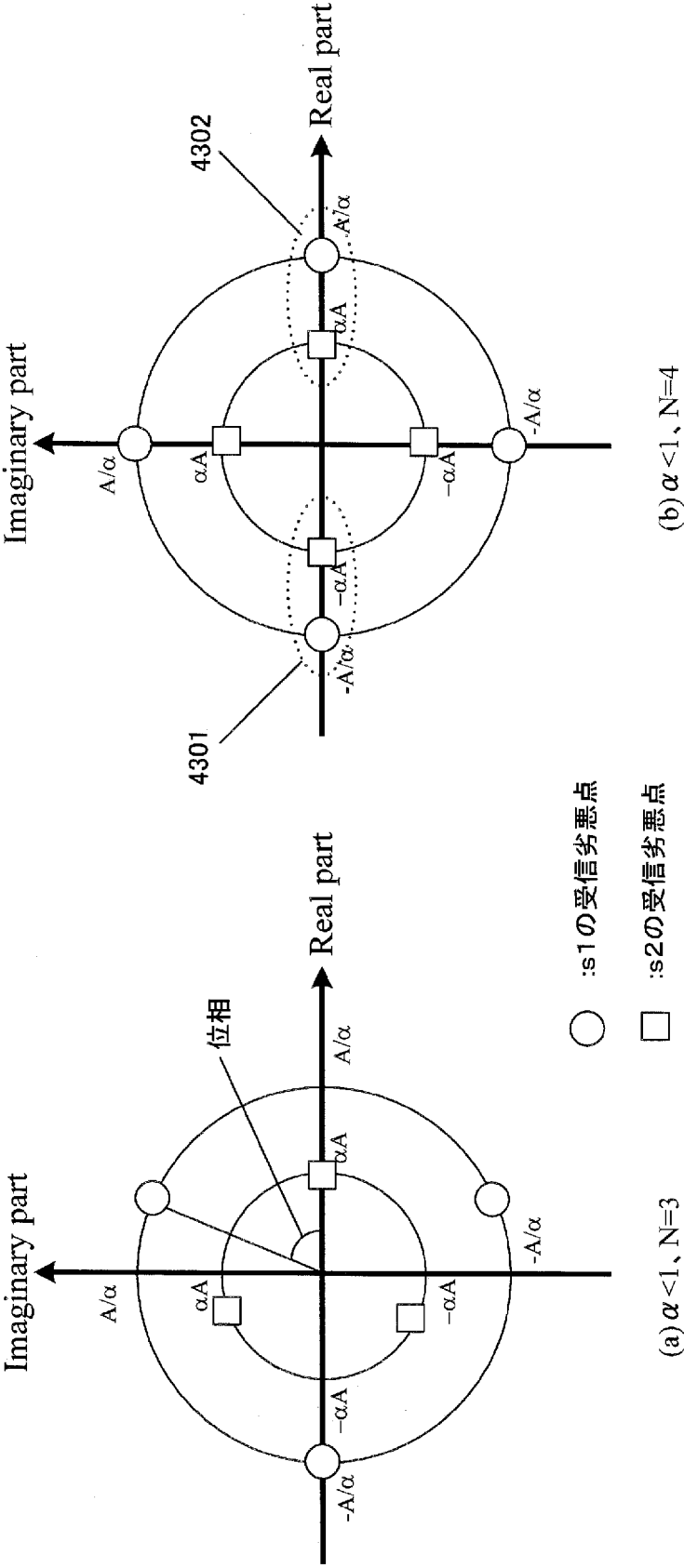
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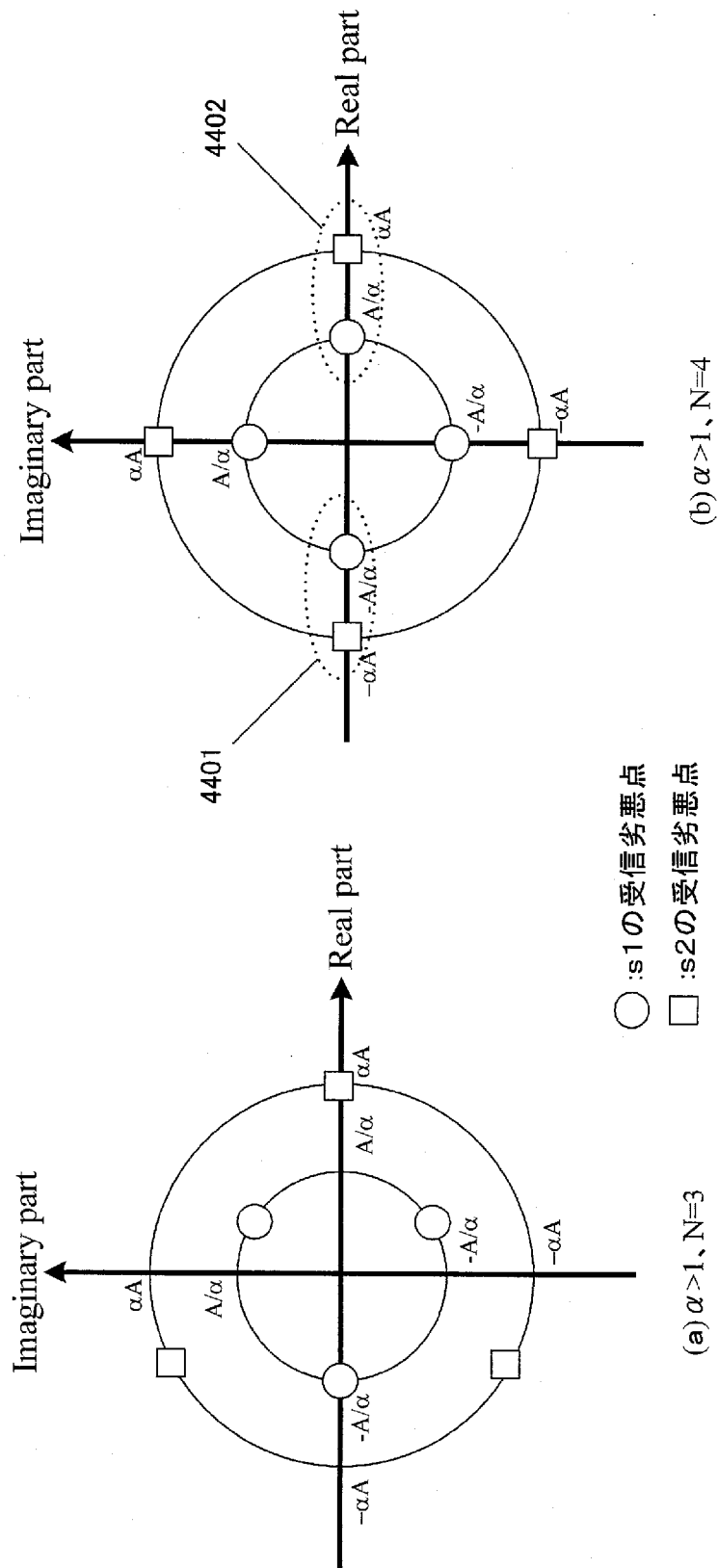
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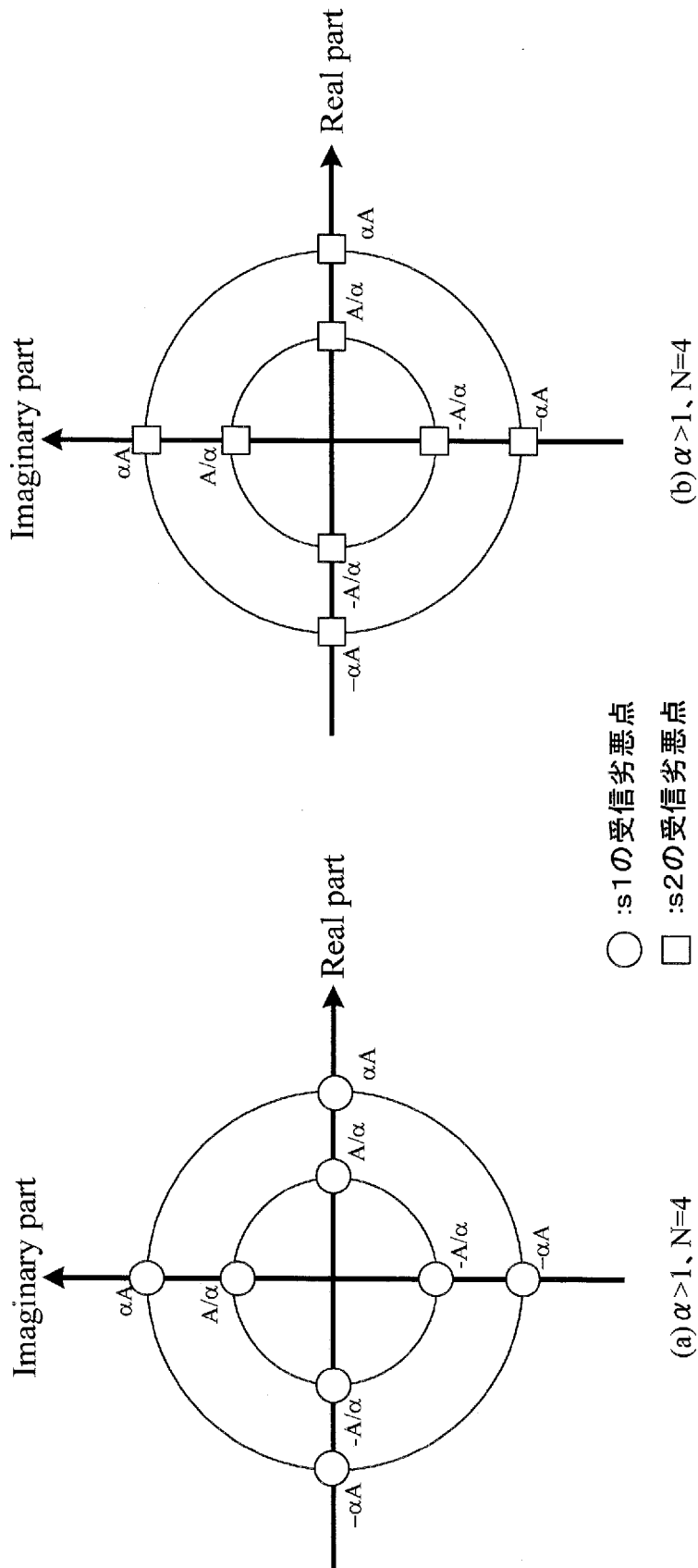
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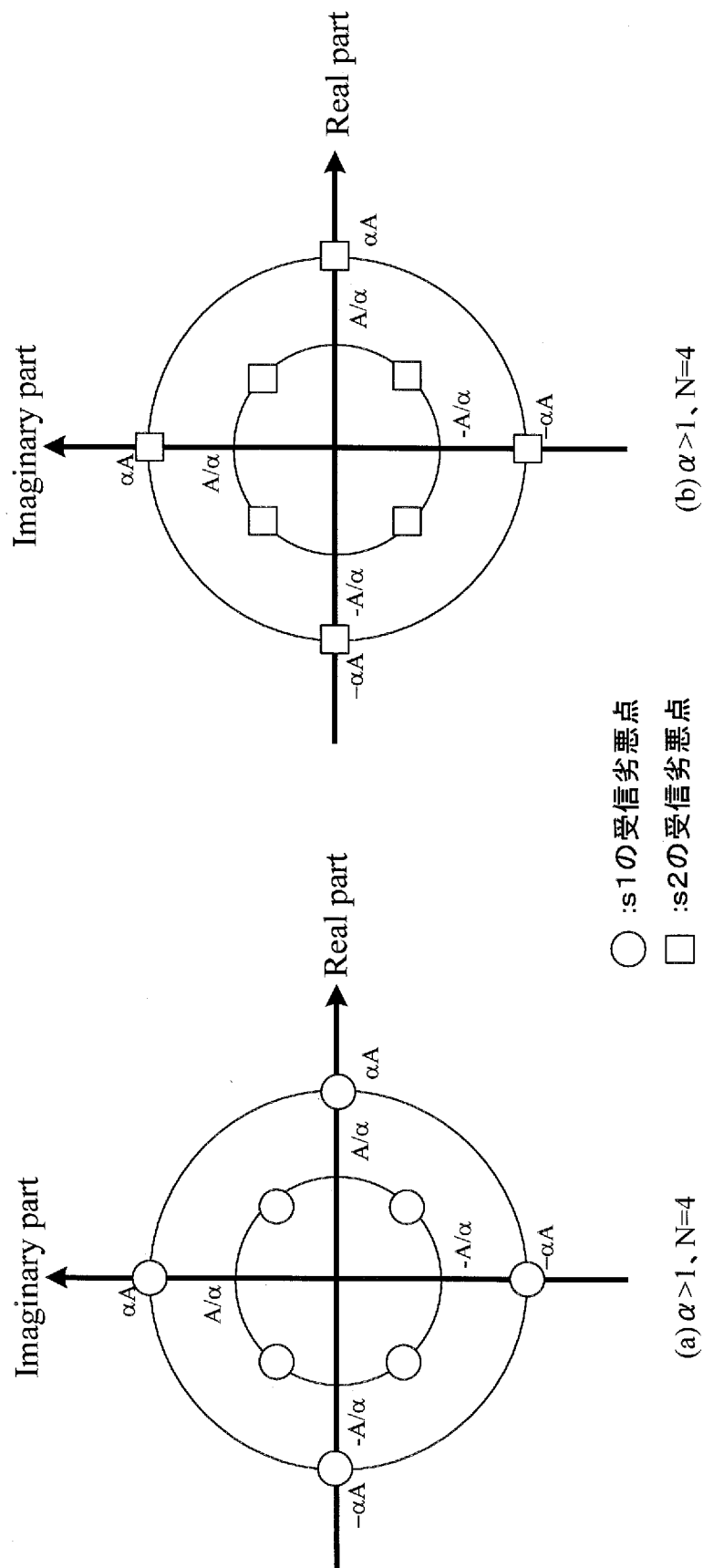
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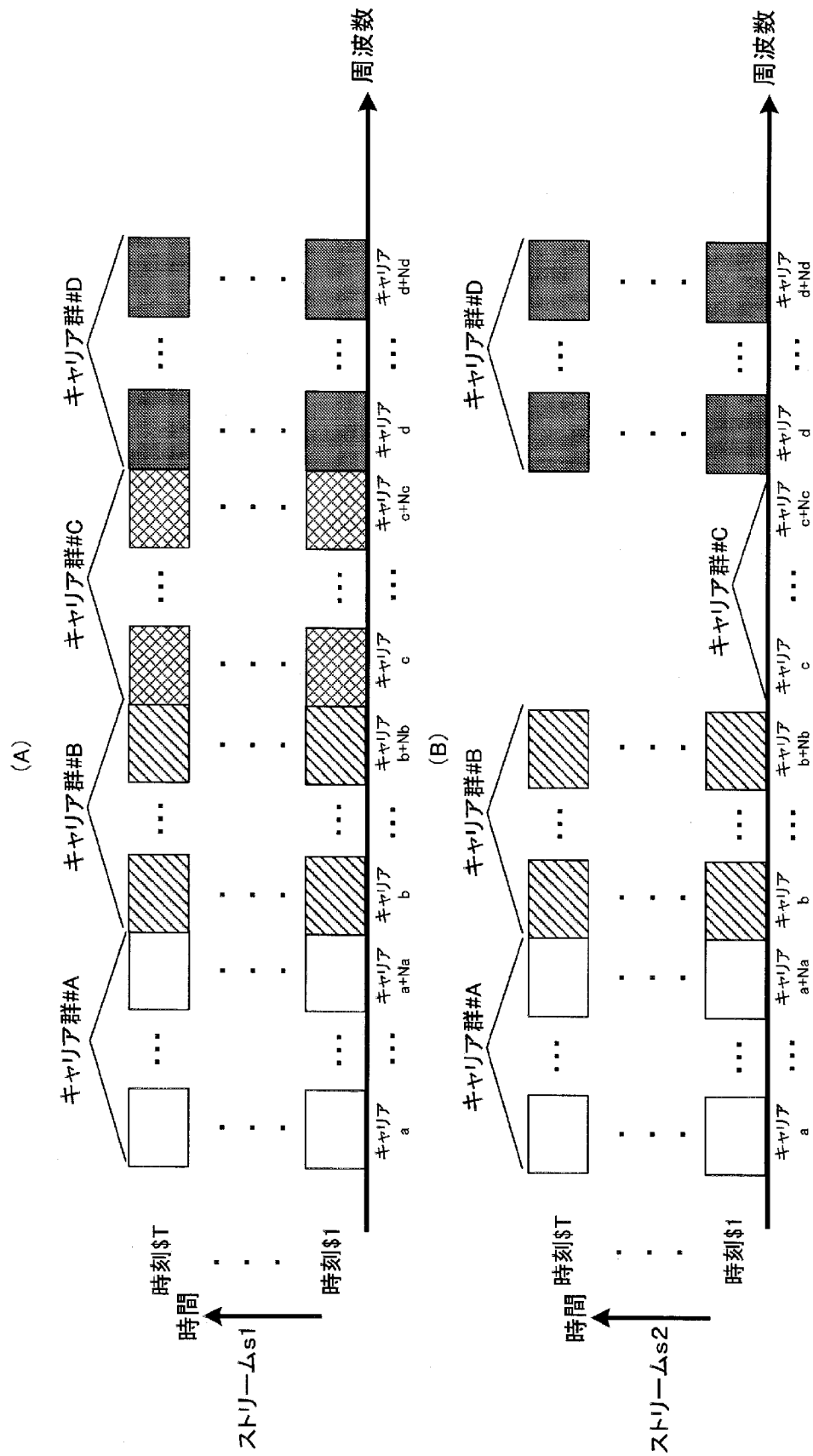
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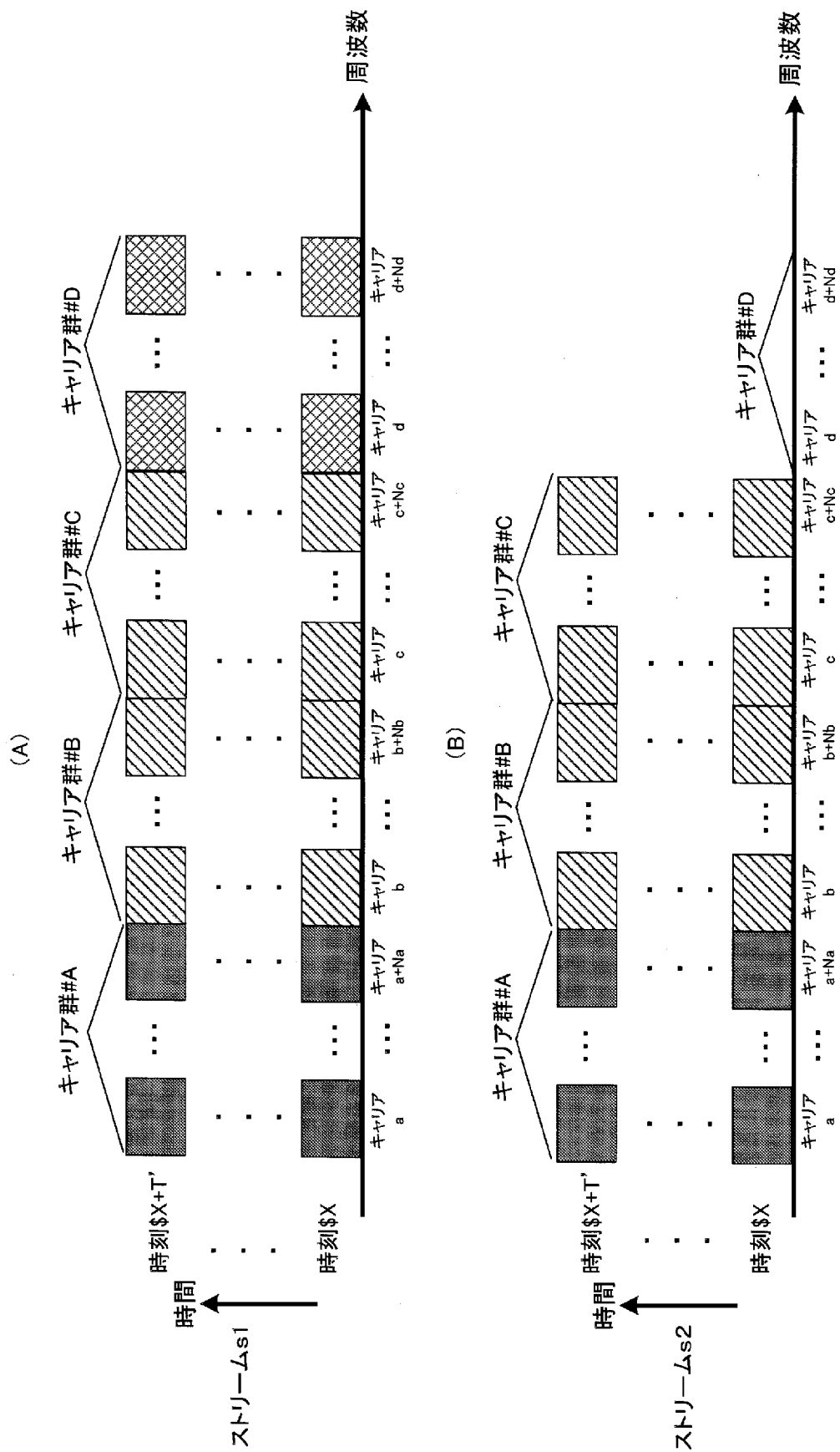
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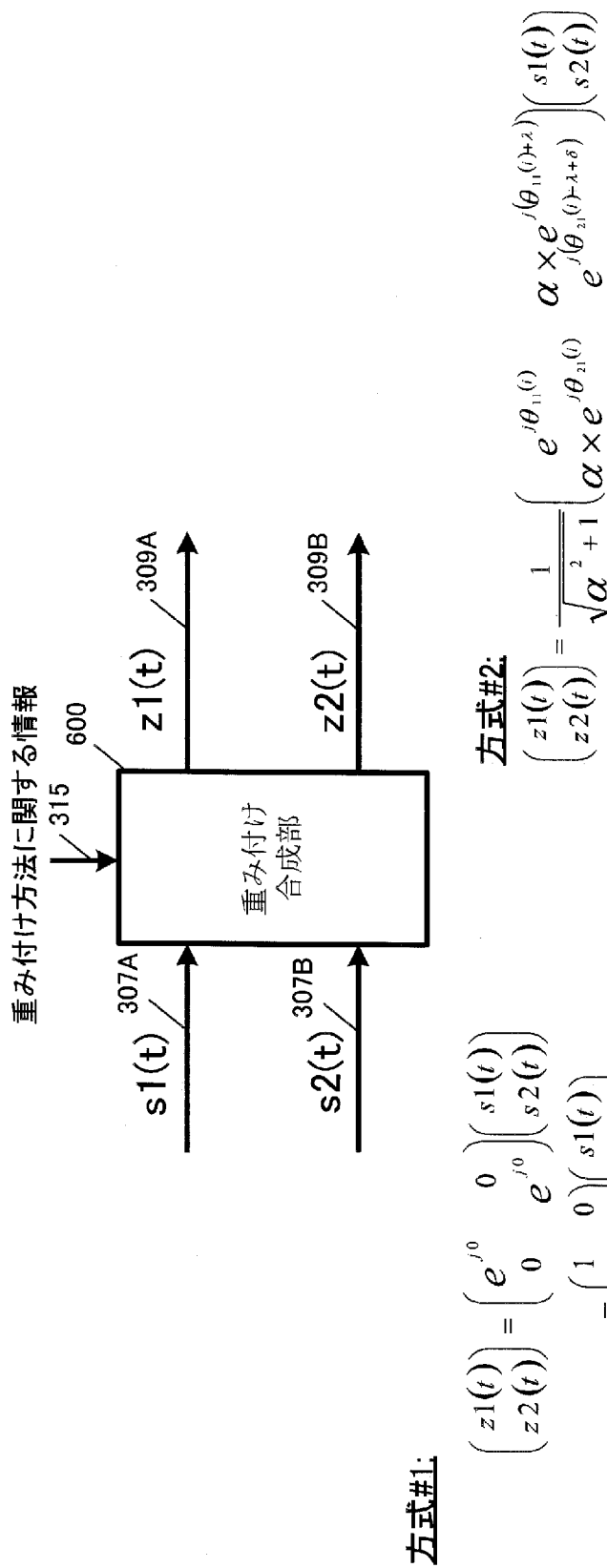
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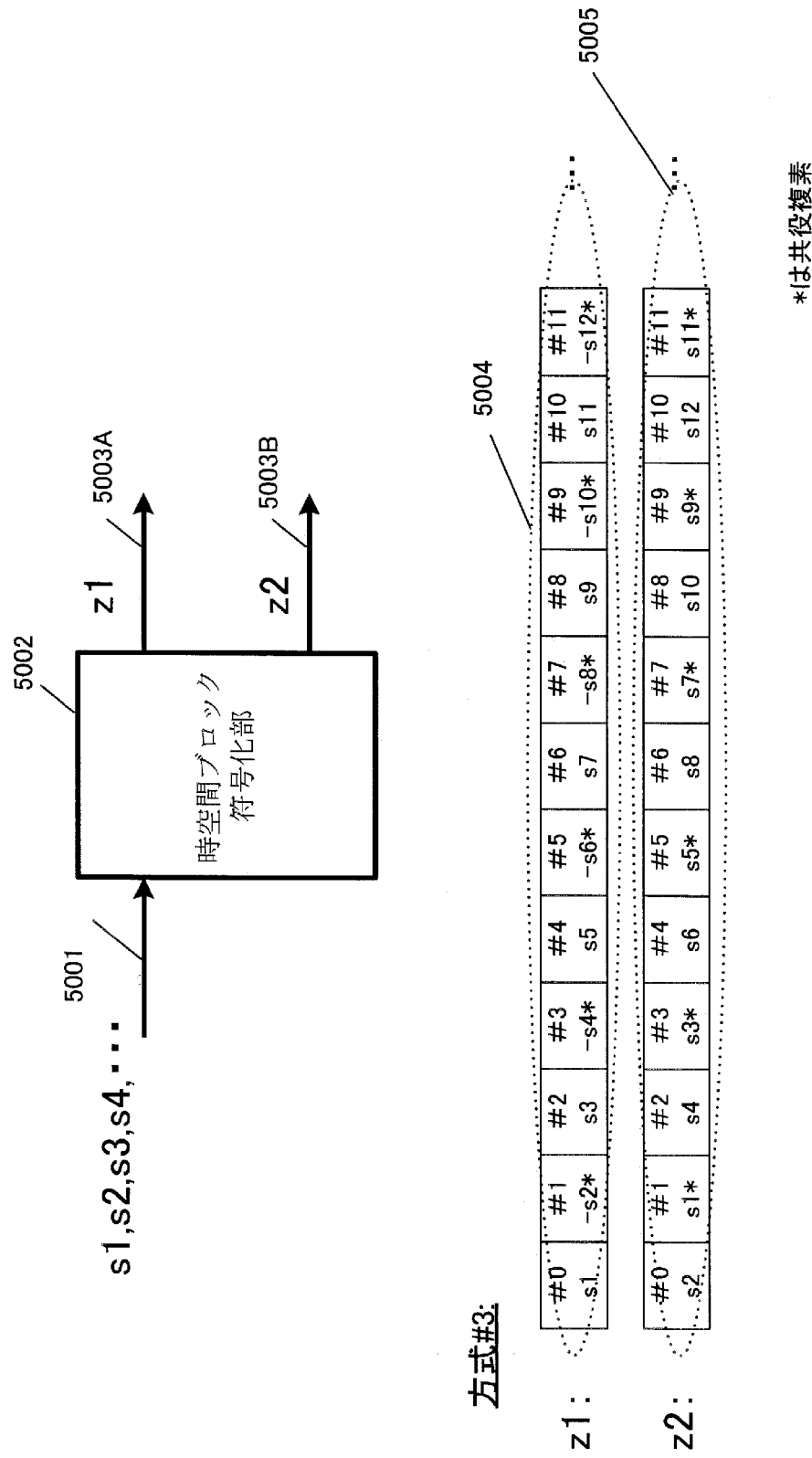
[図48]



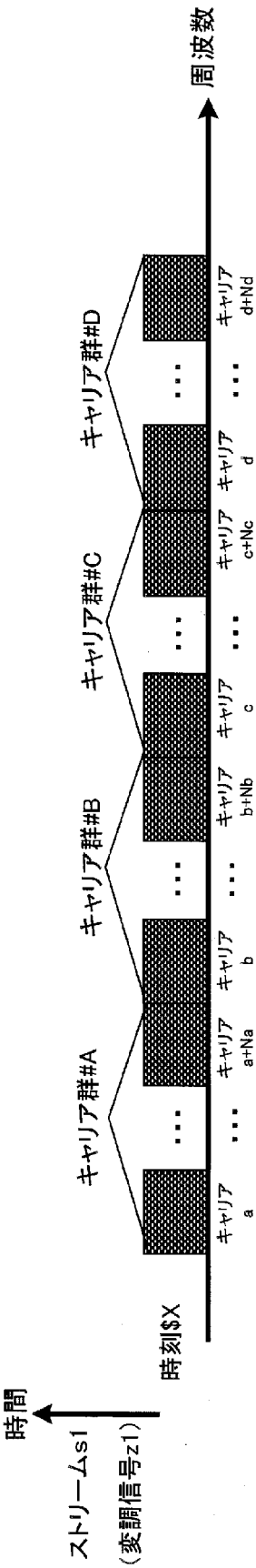
[図49]



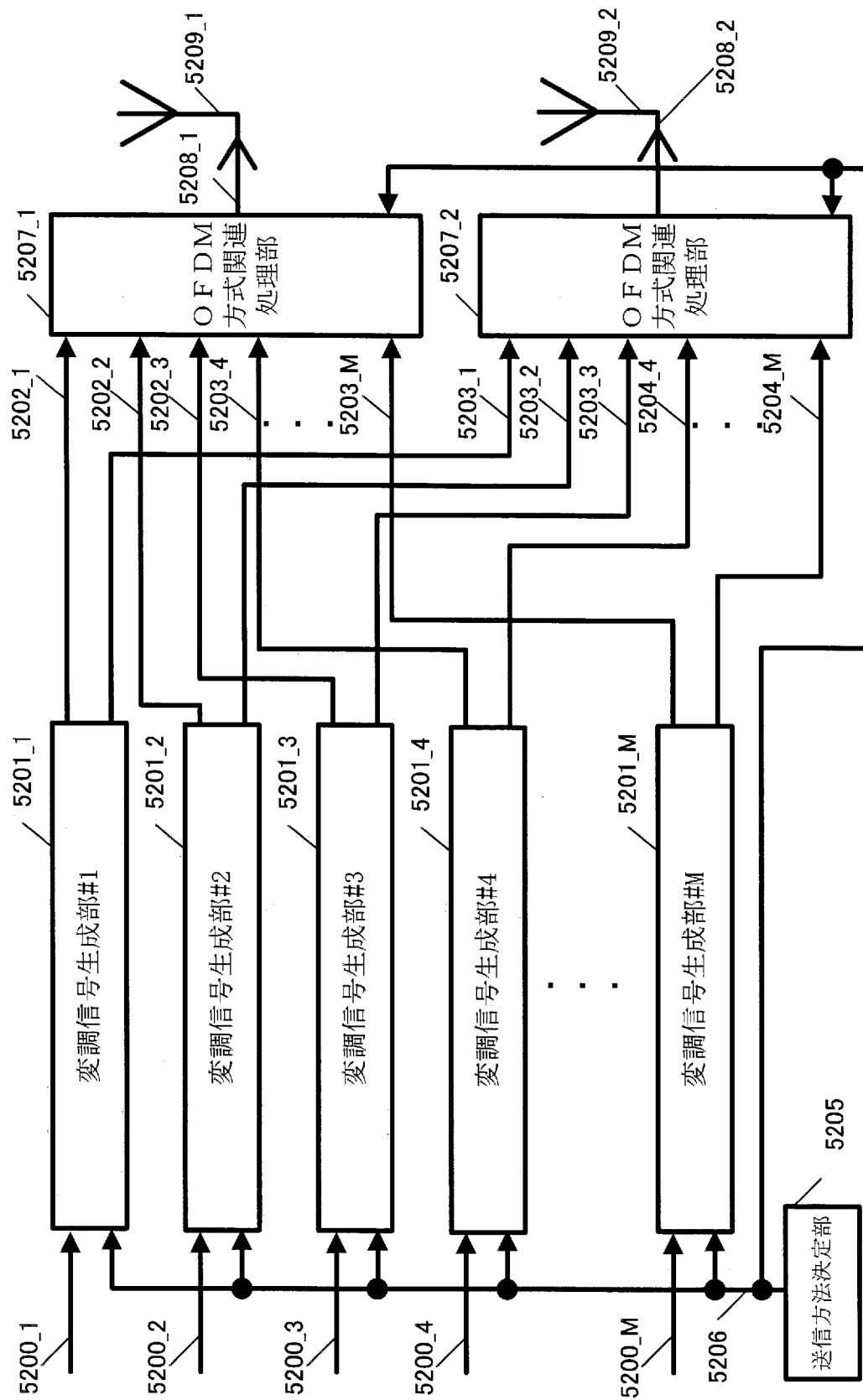
[図50]



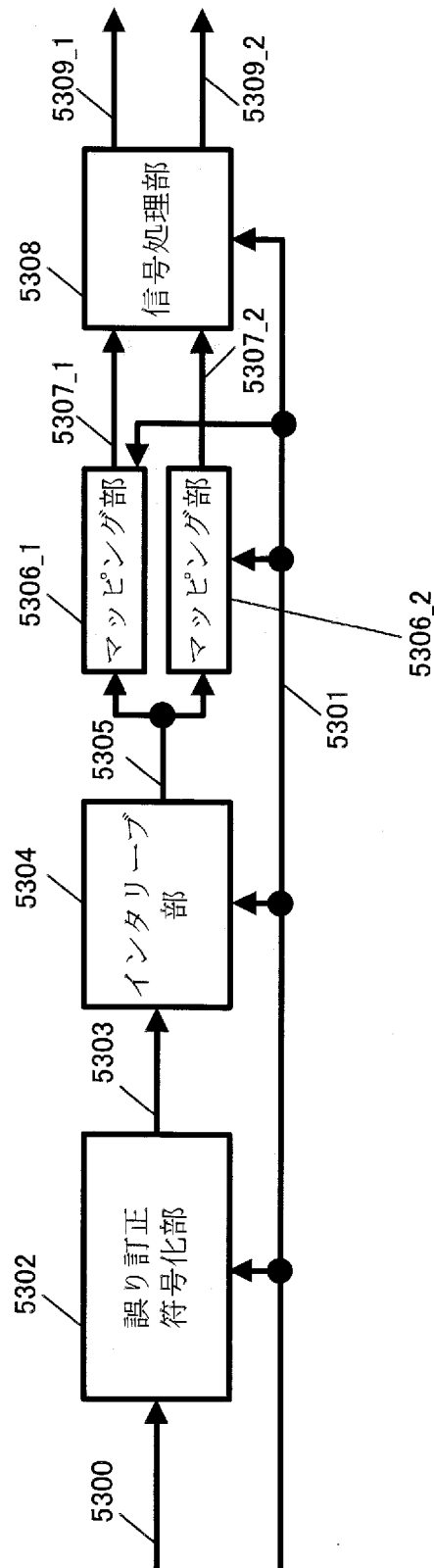
[図51]



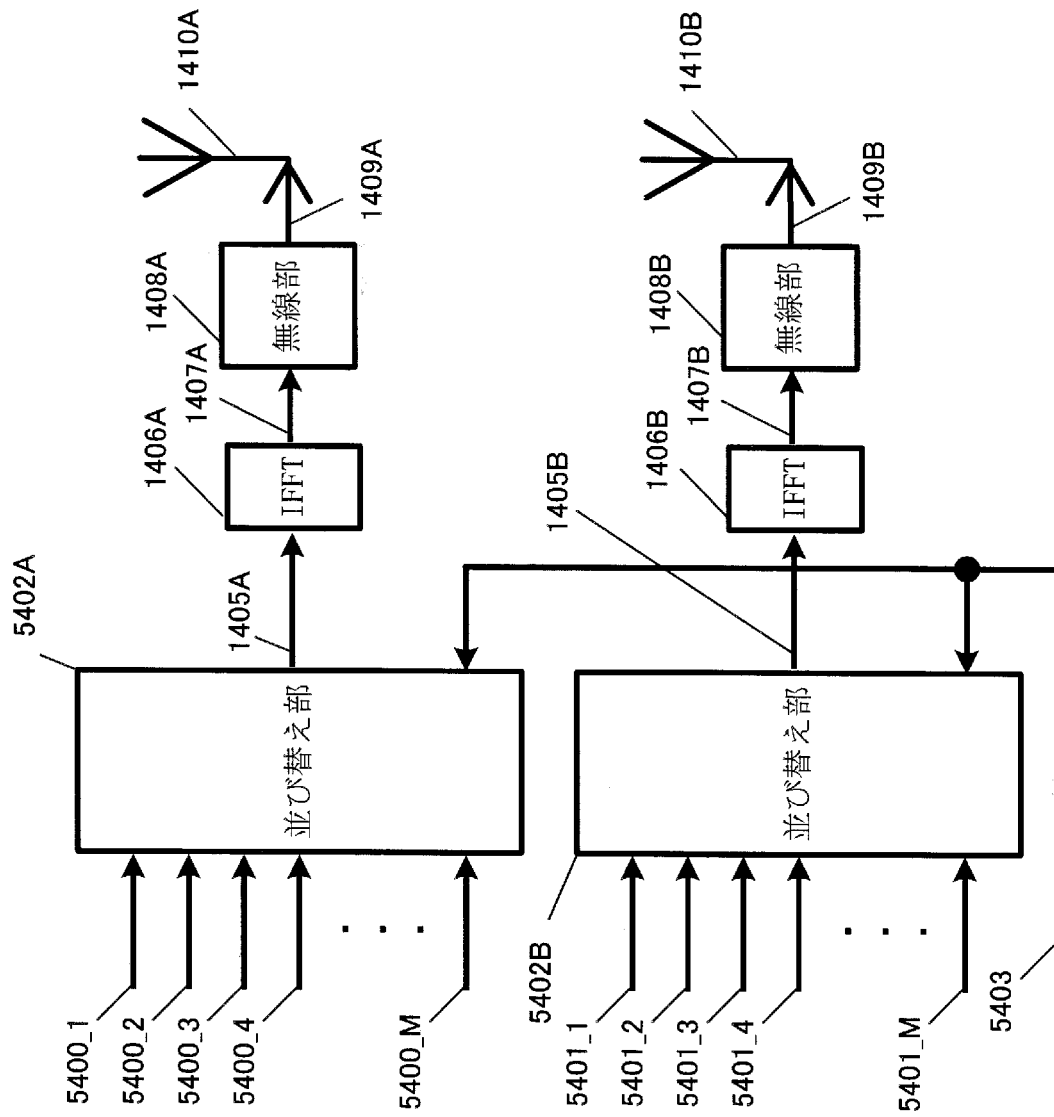
[図52]

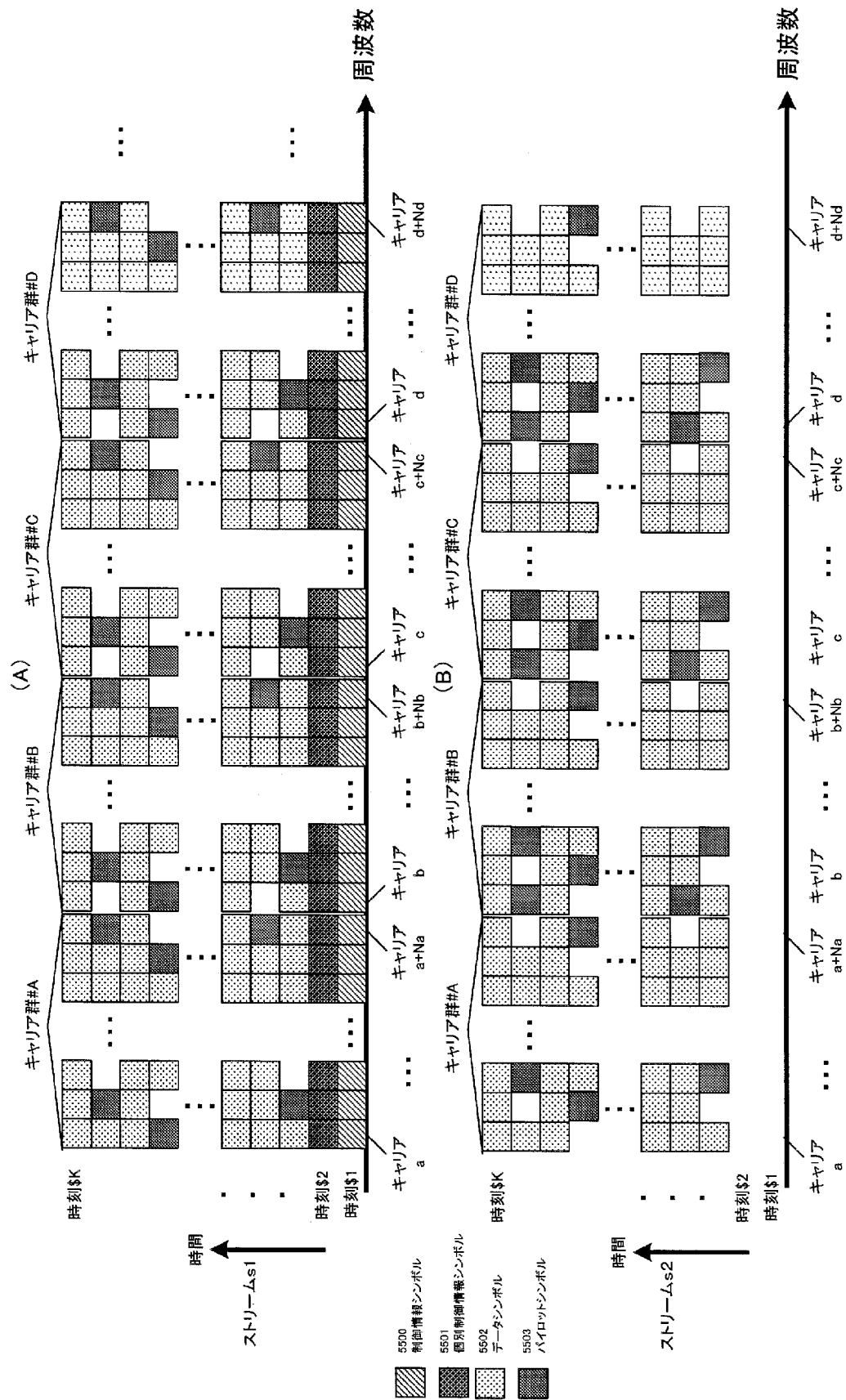


[図53]

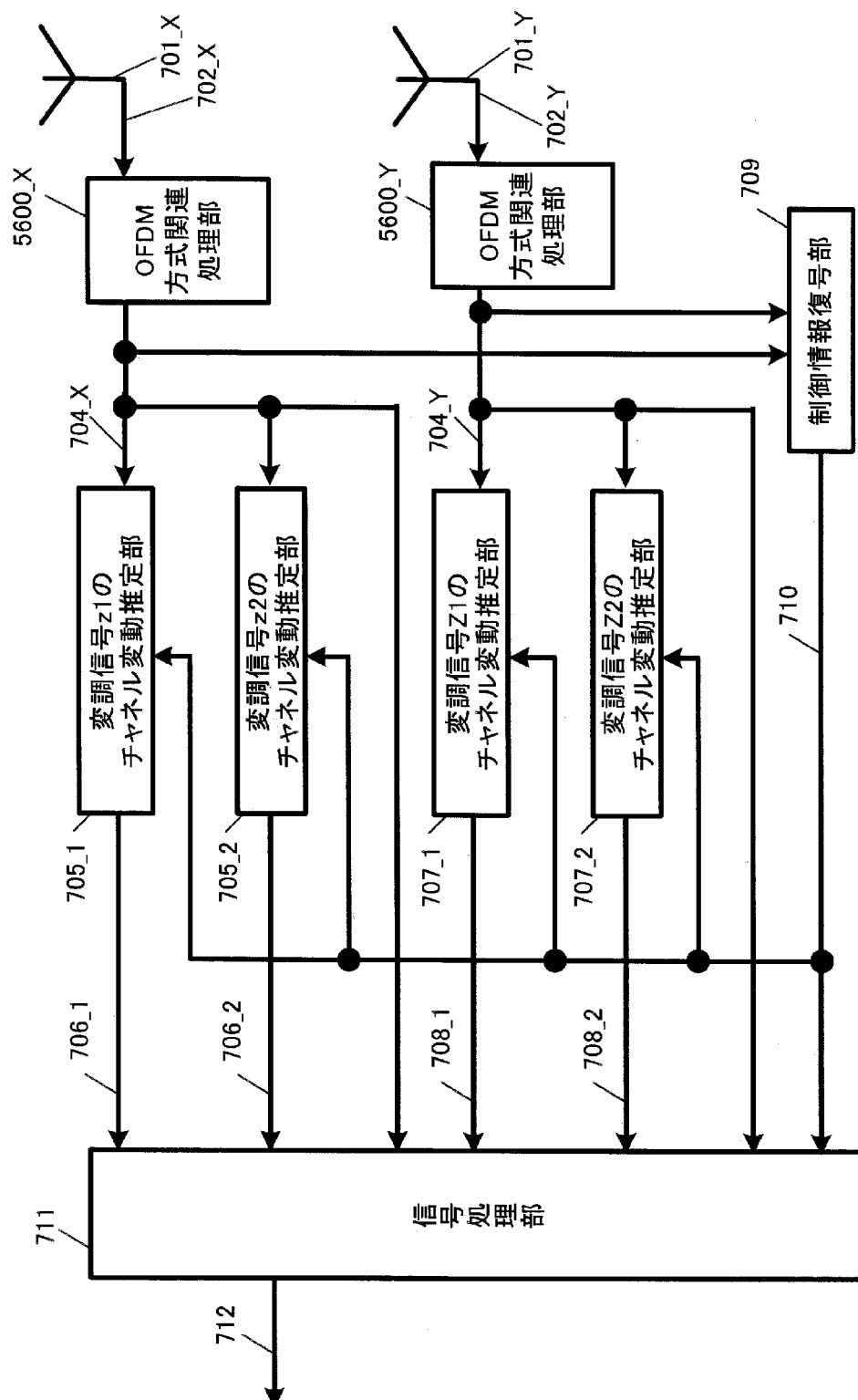


[図54]

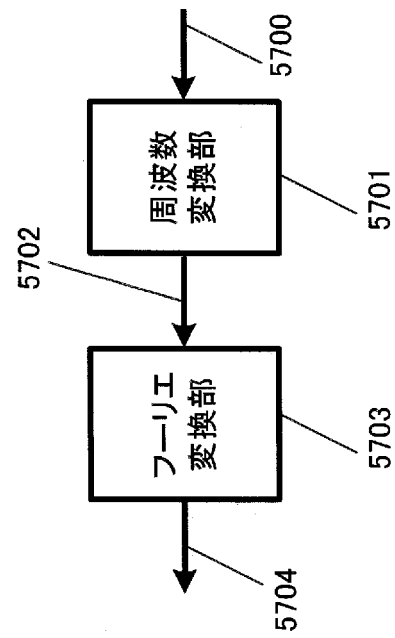




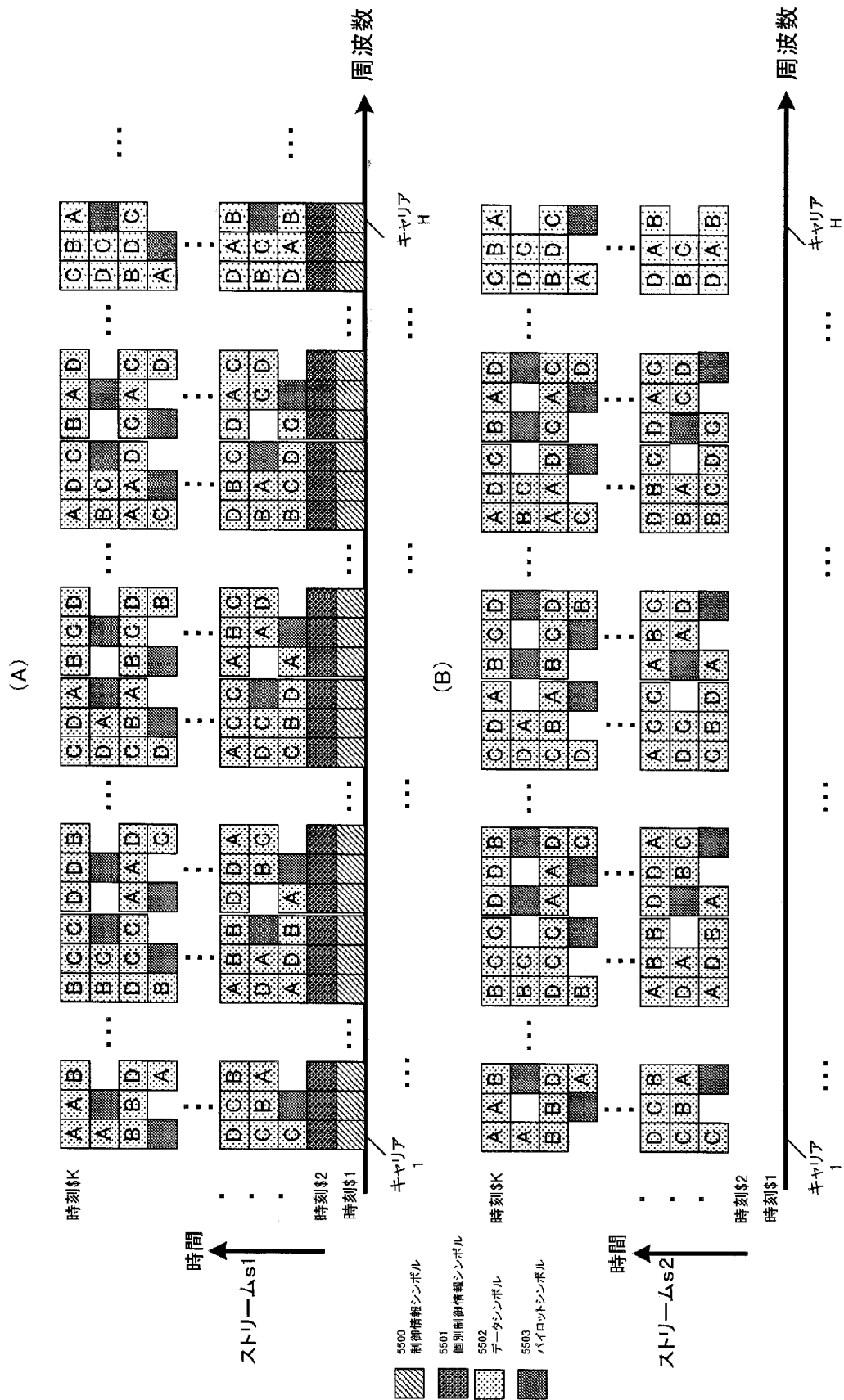
[図56]



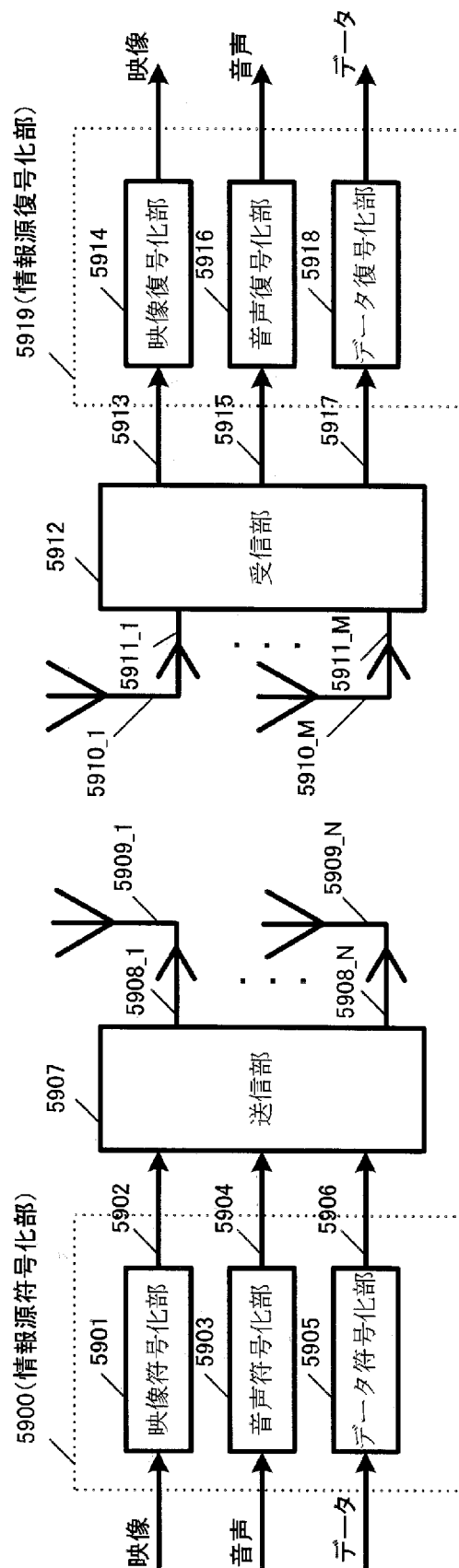
[図57]



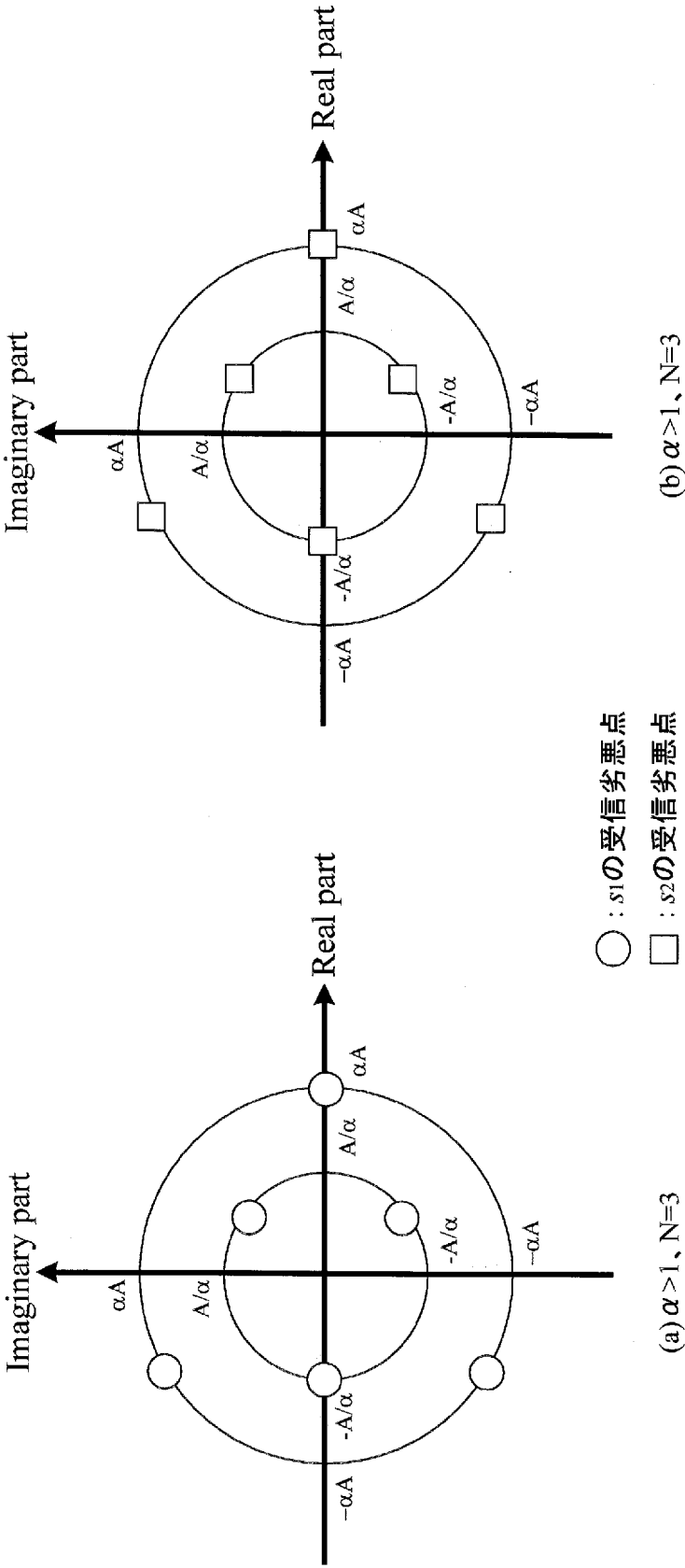
[図58]



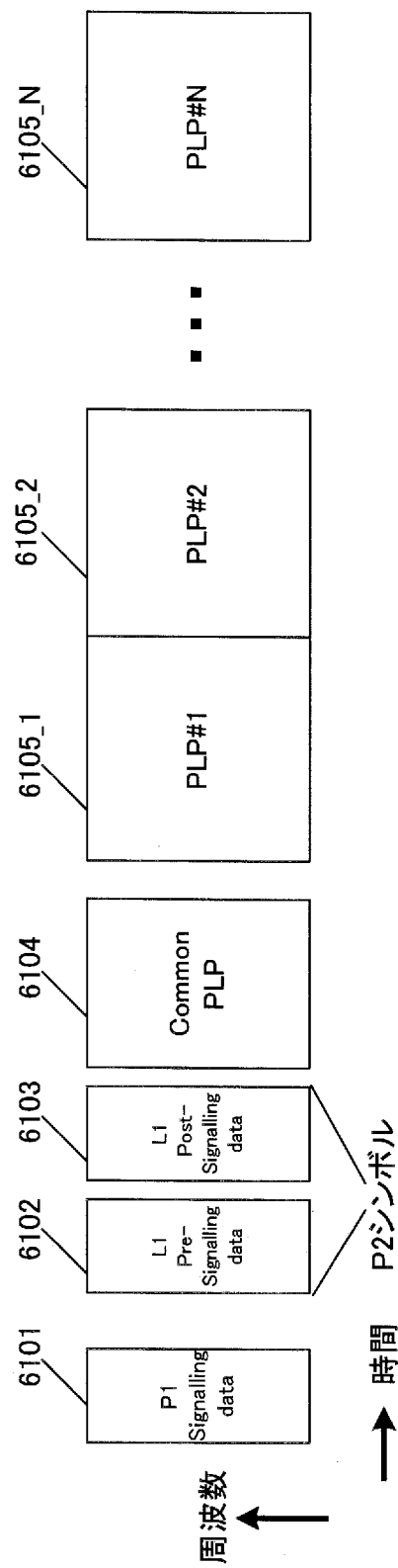
[図59]



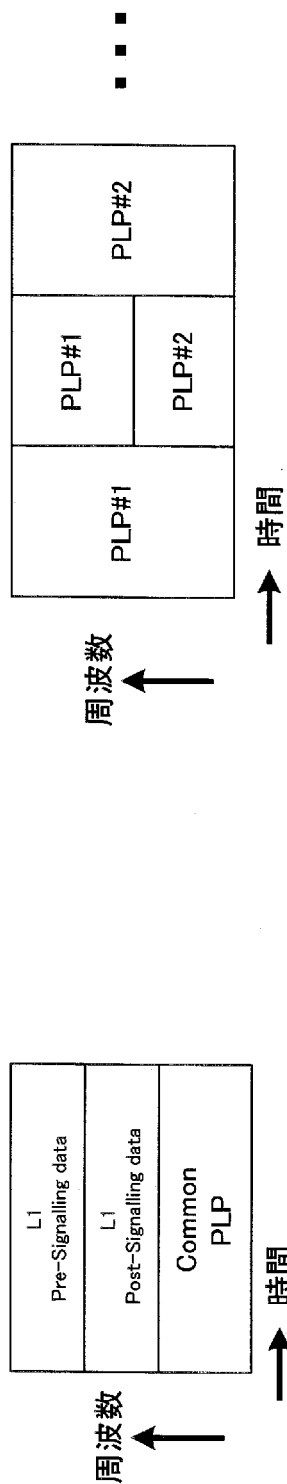
[図60]



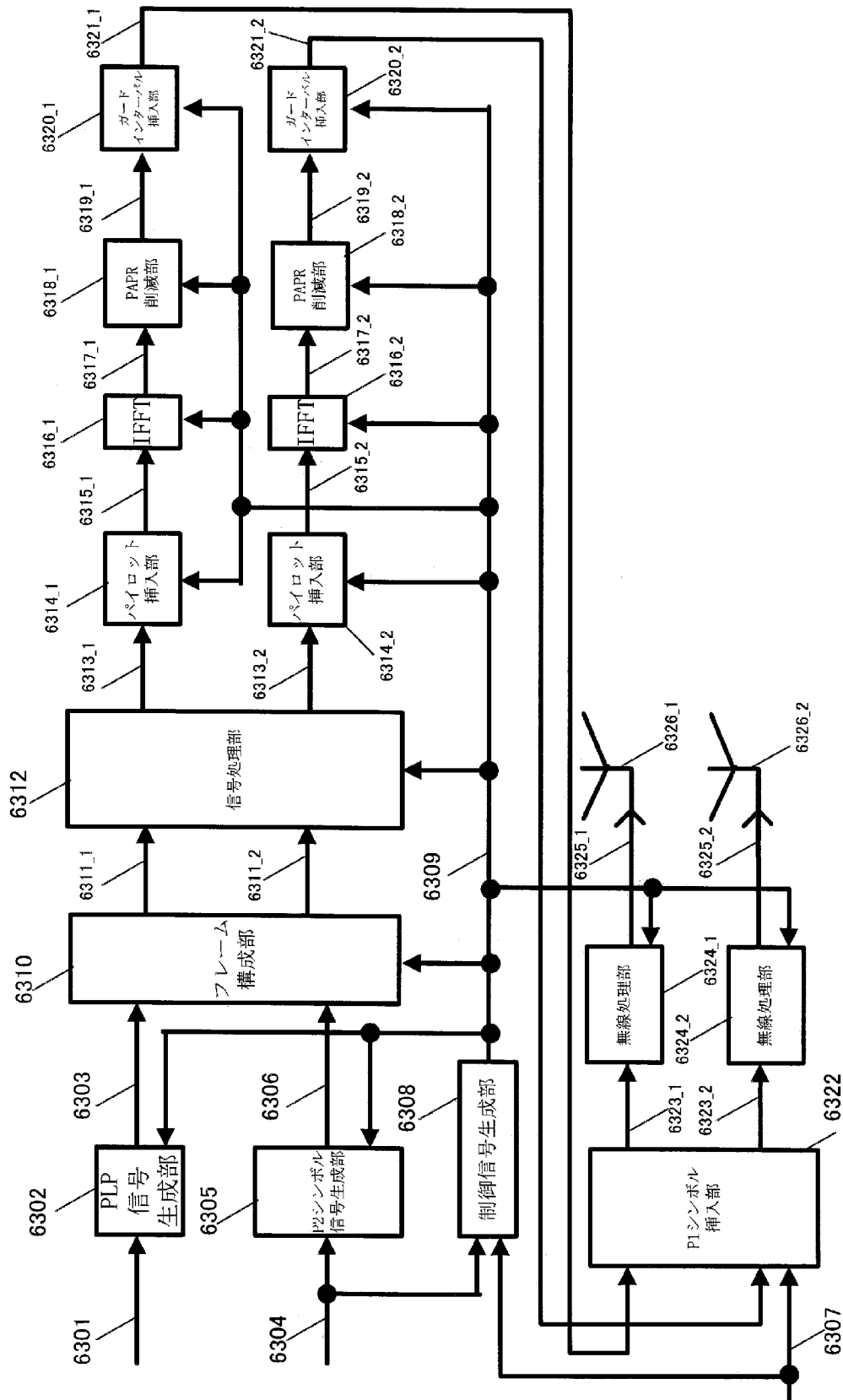
[図61]



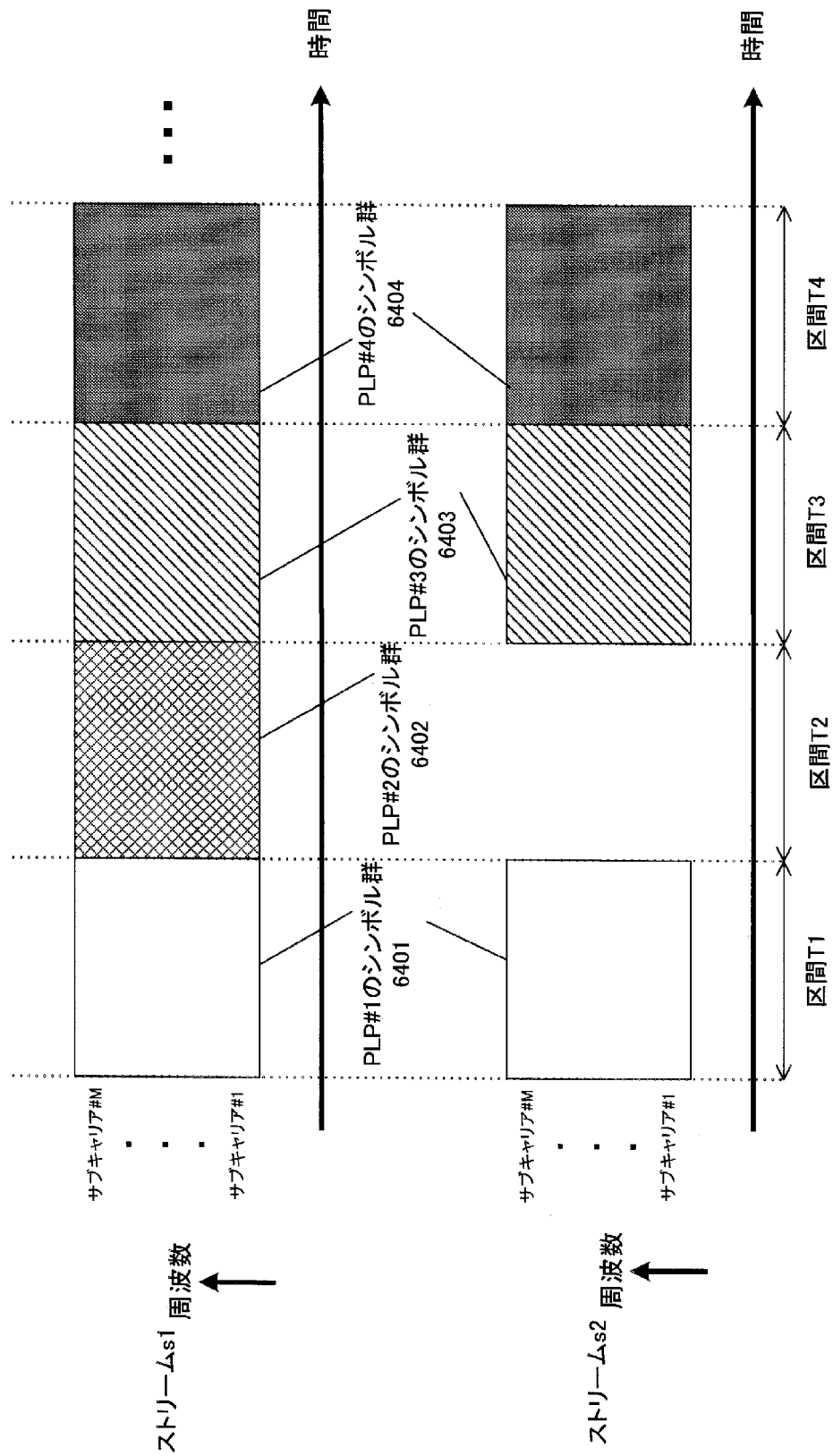
[図62]



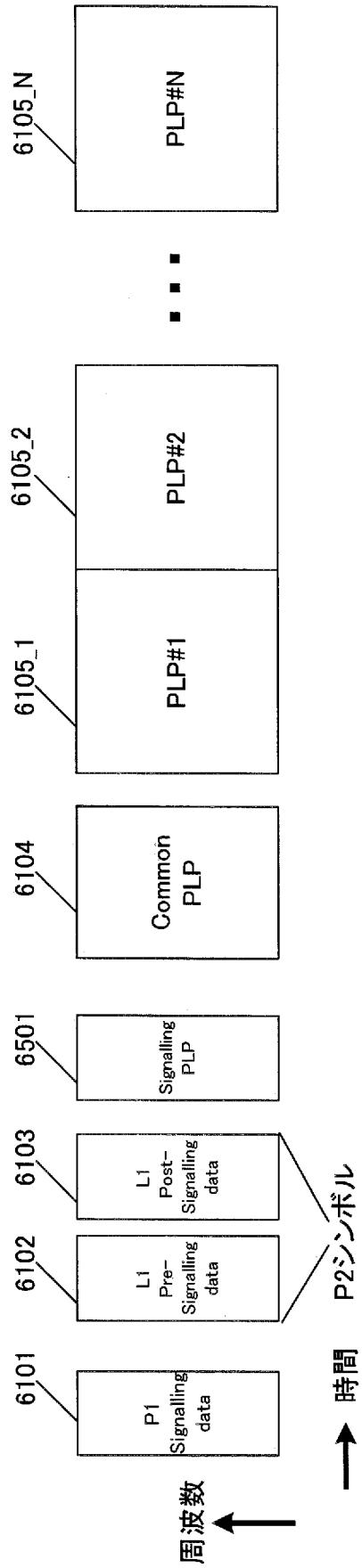
[図63]



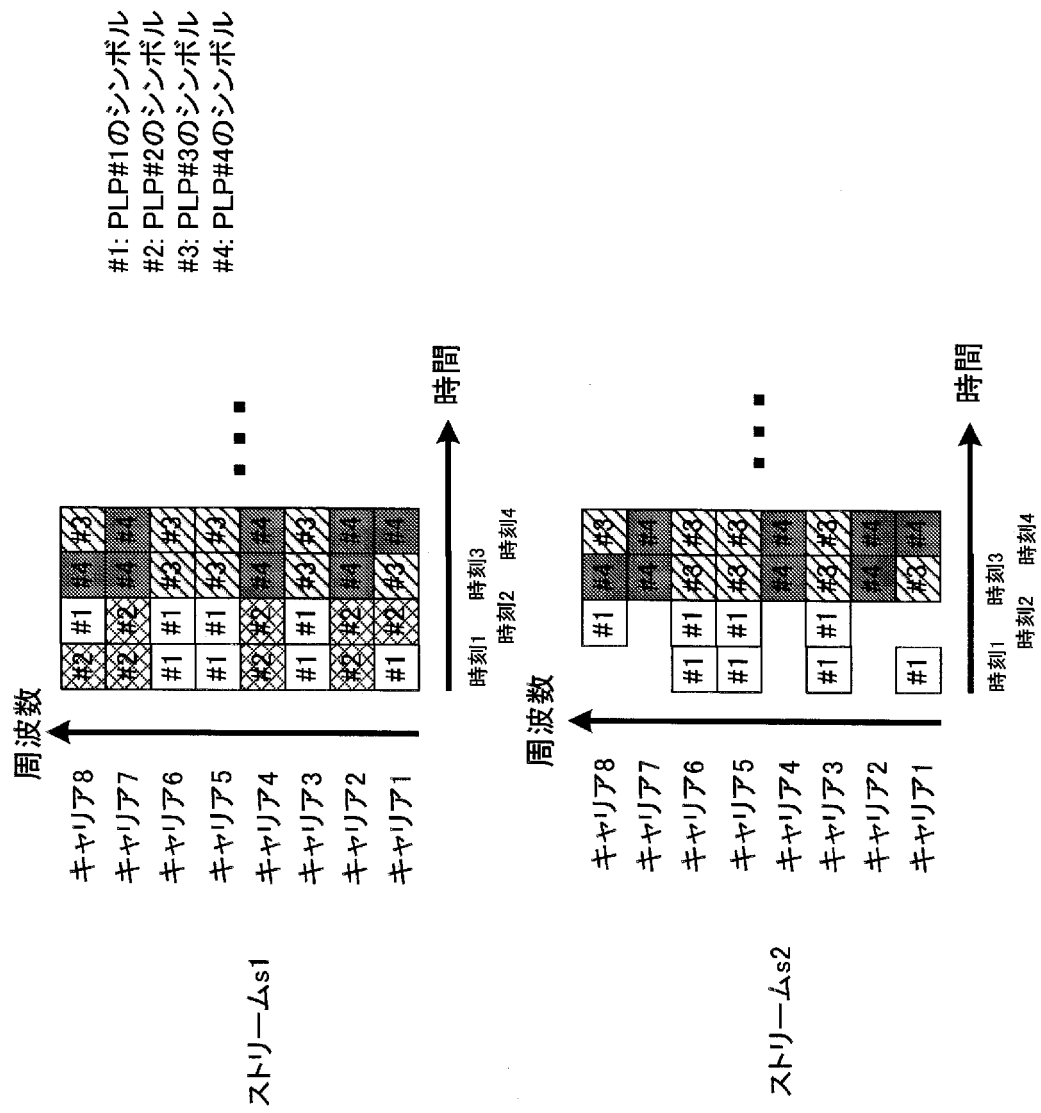
[図64]



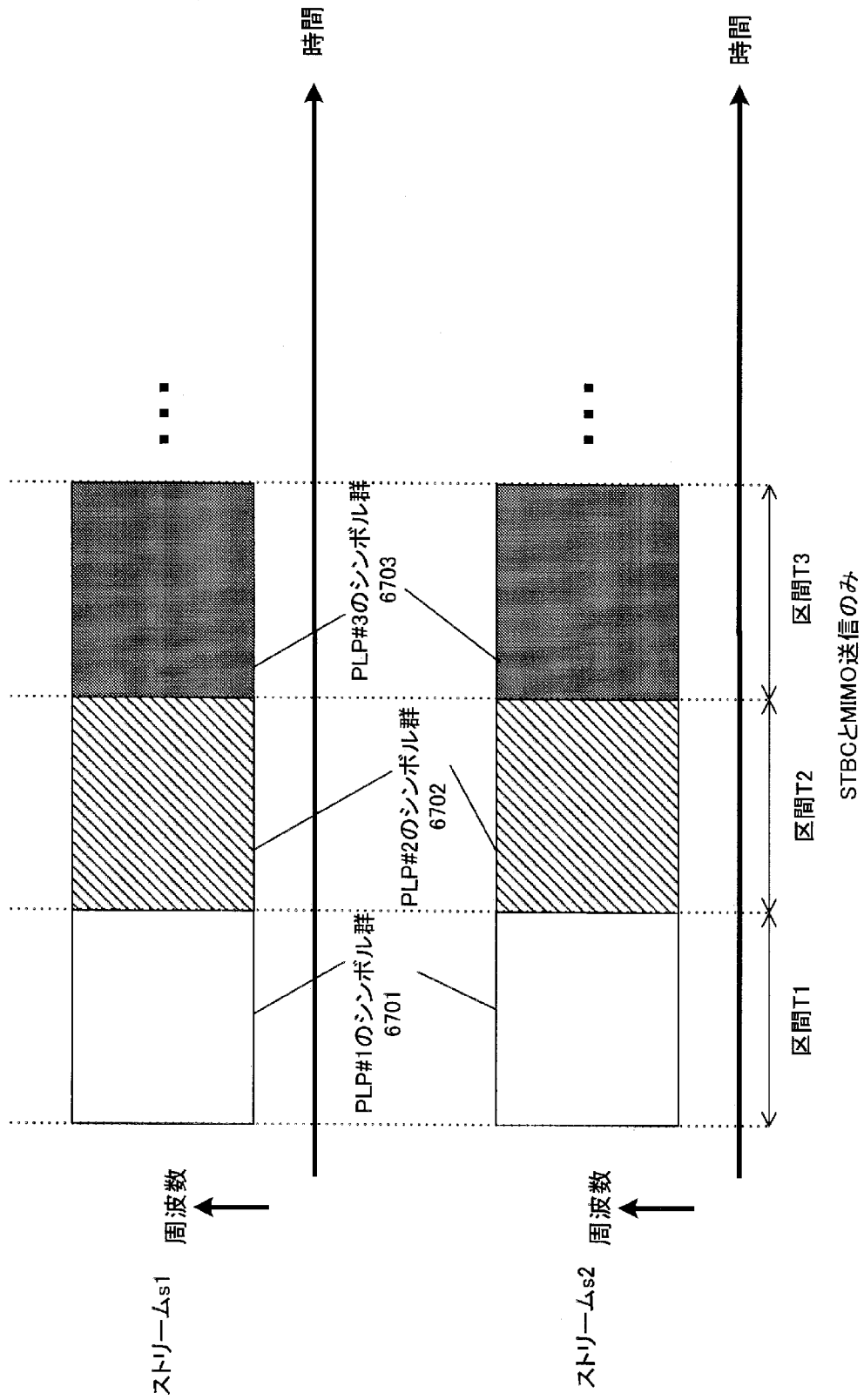
[図65]



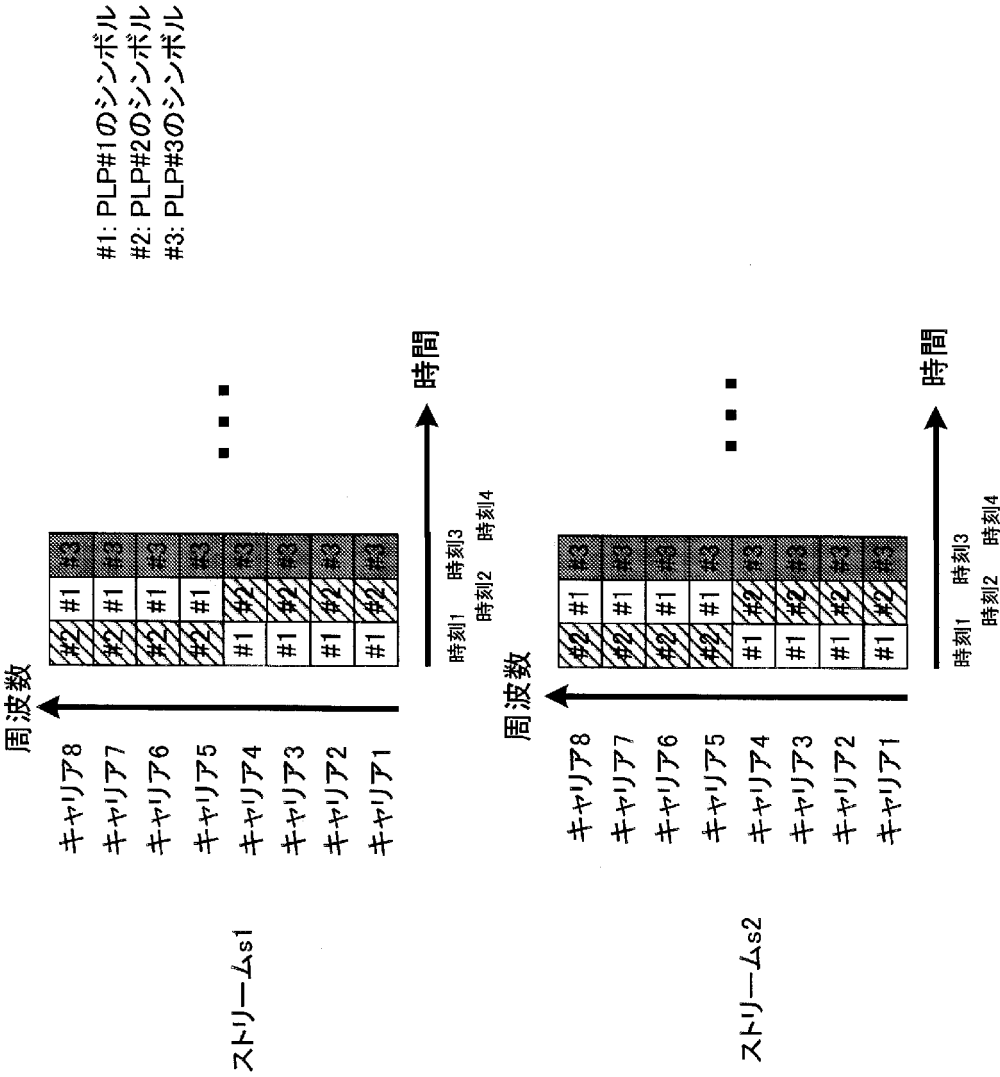
[図66]



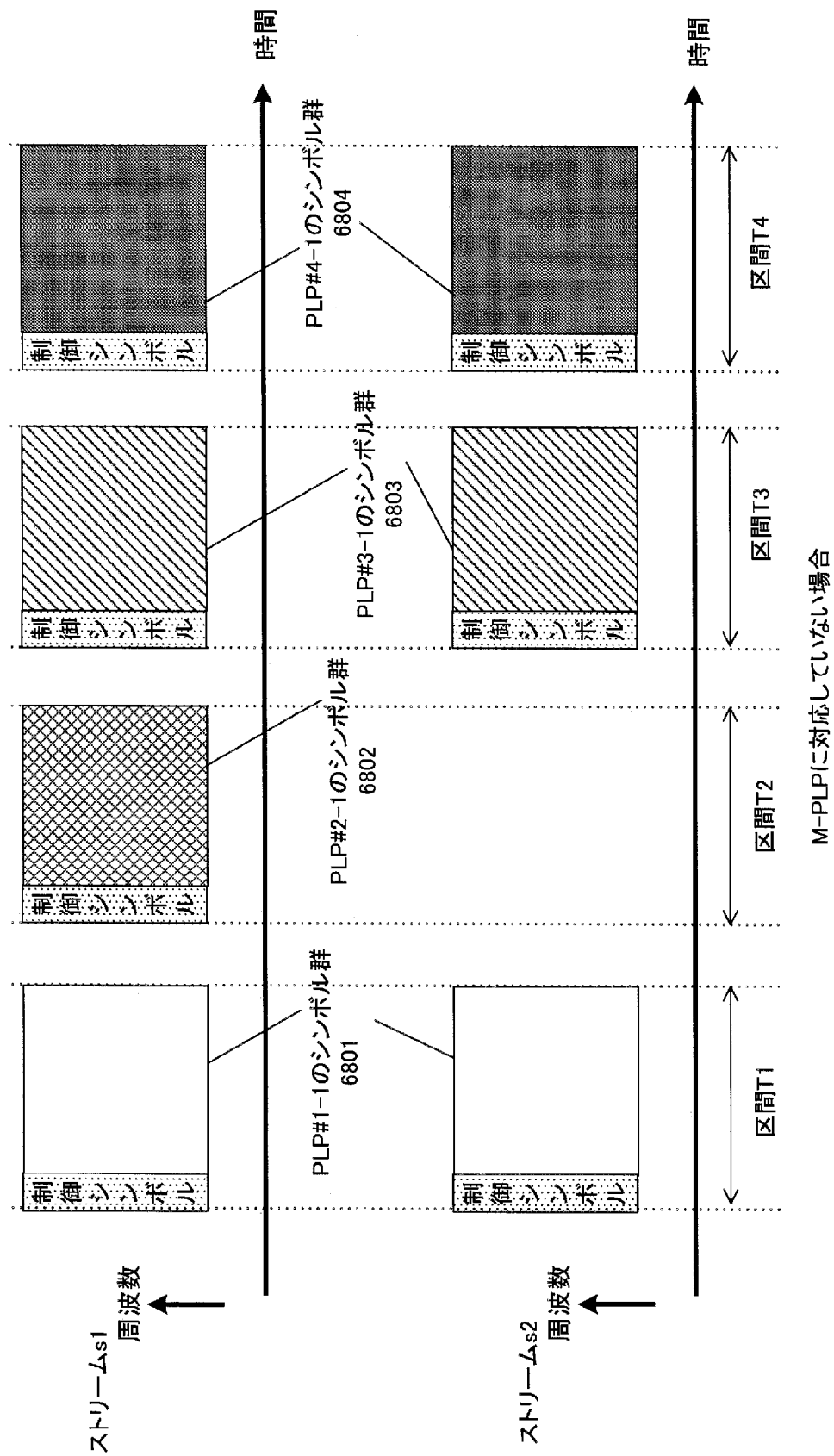
[図67]



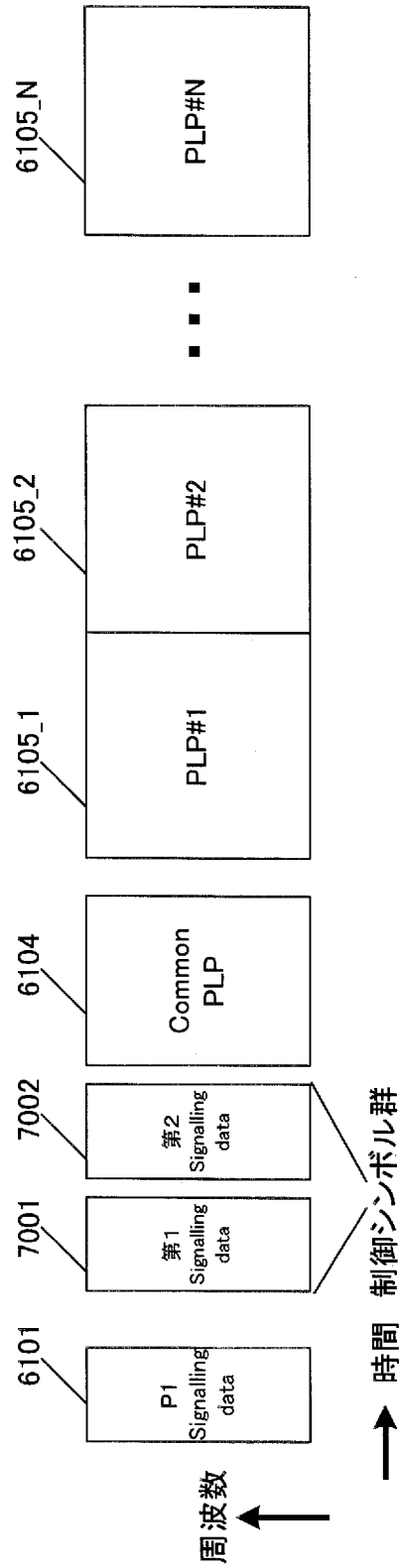
[図68]



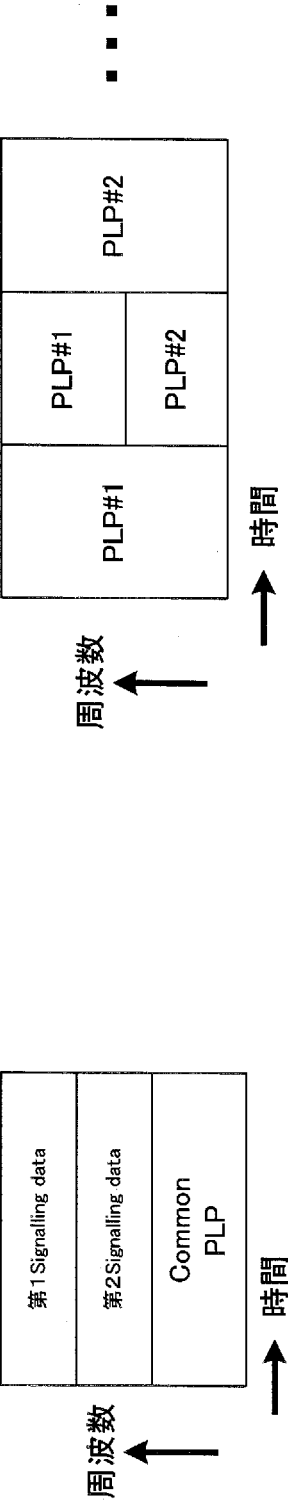
[図69]



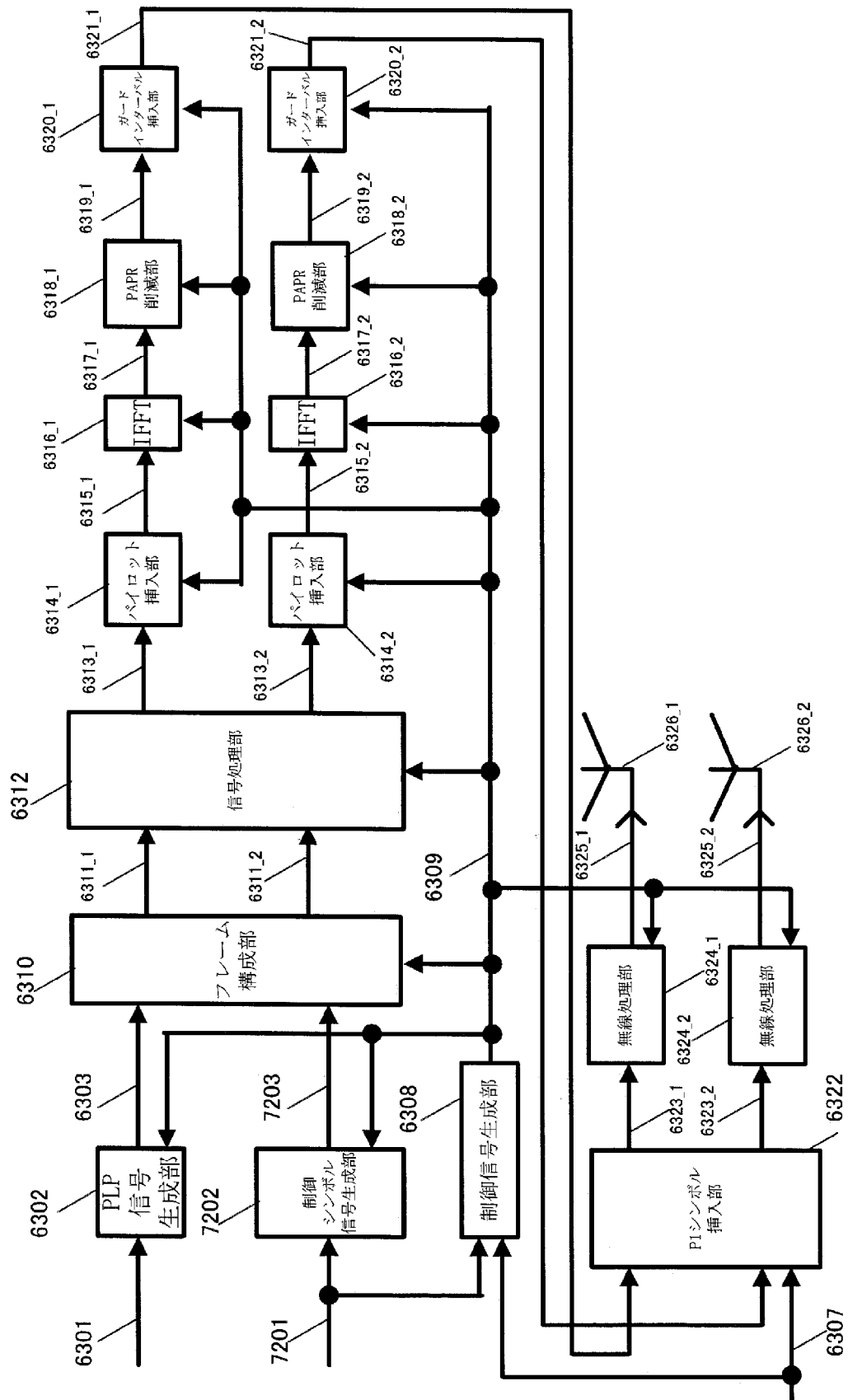
[図70]



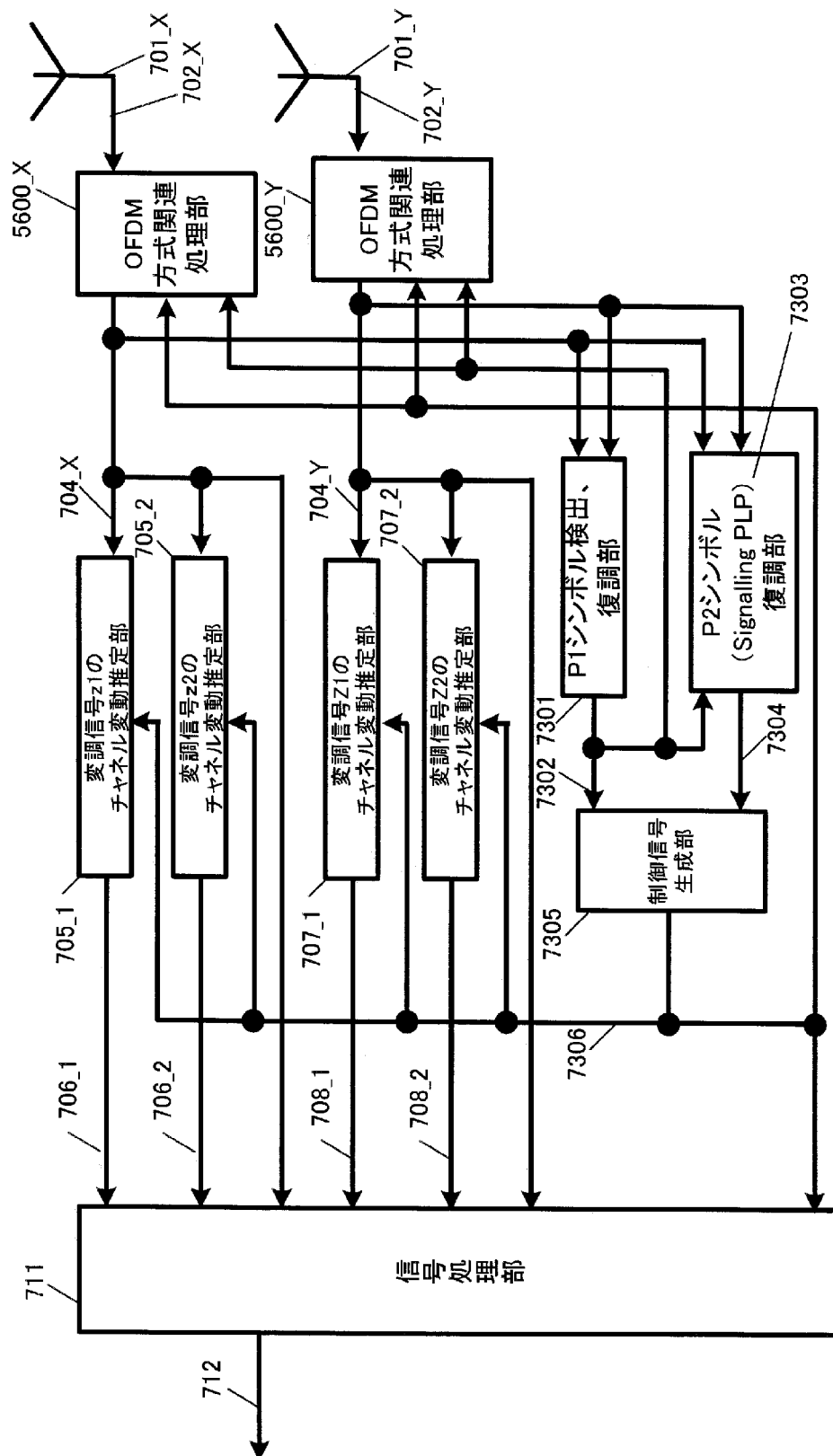
[図71]



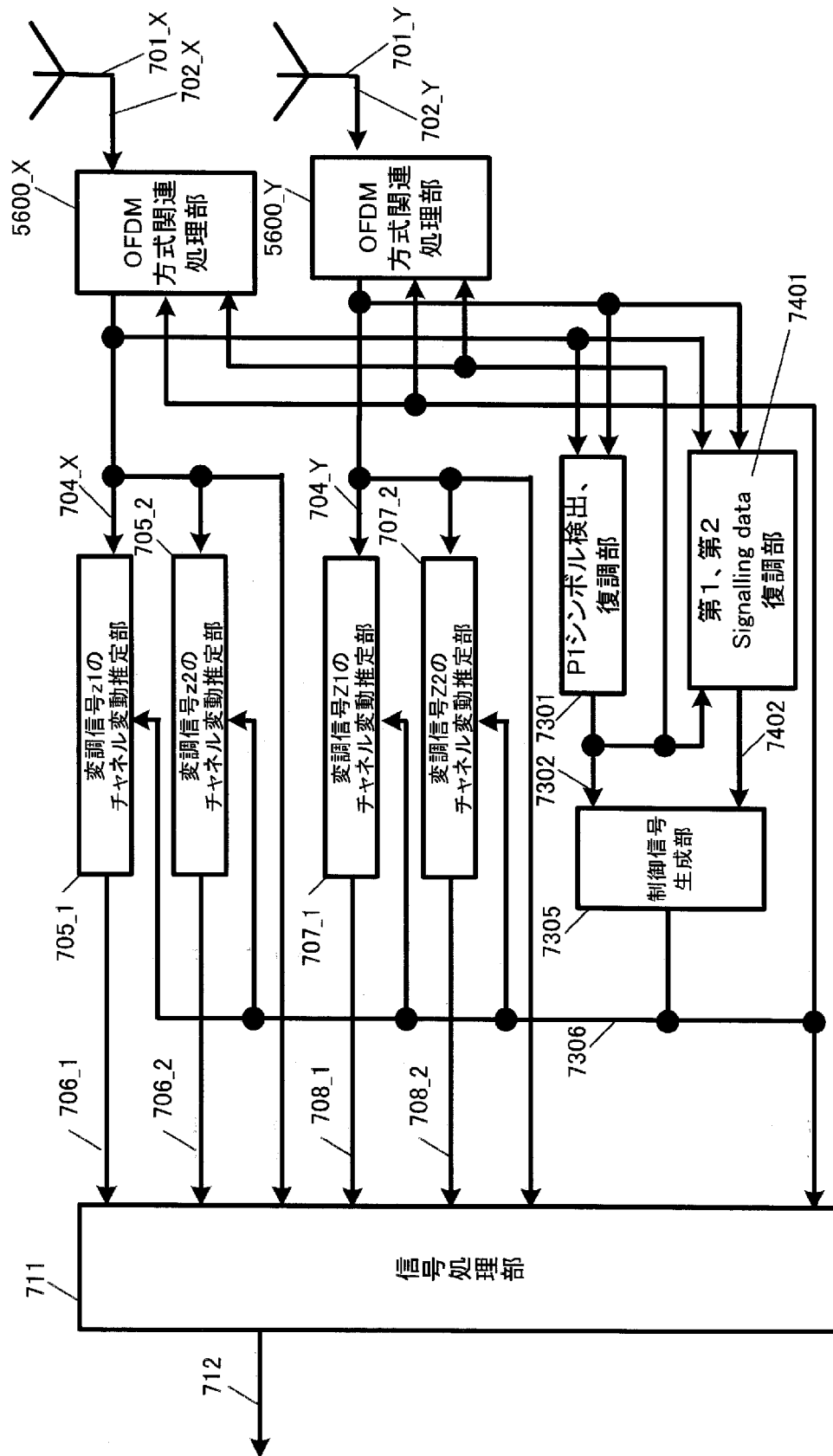
[図72]



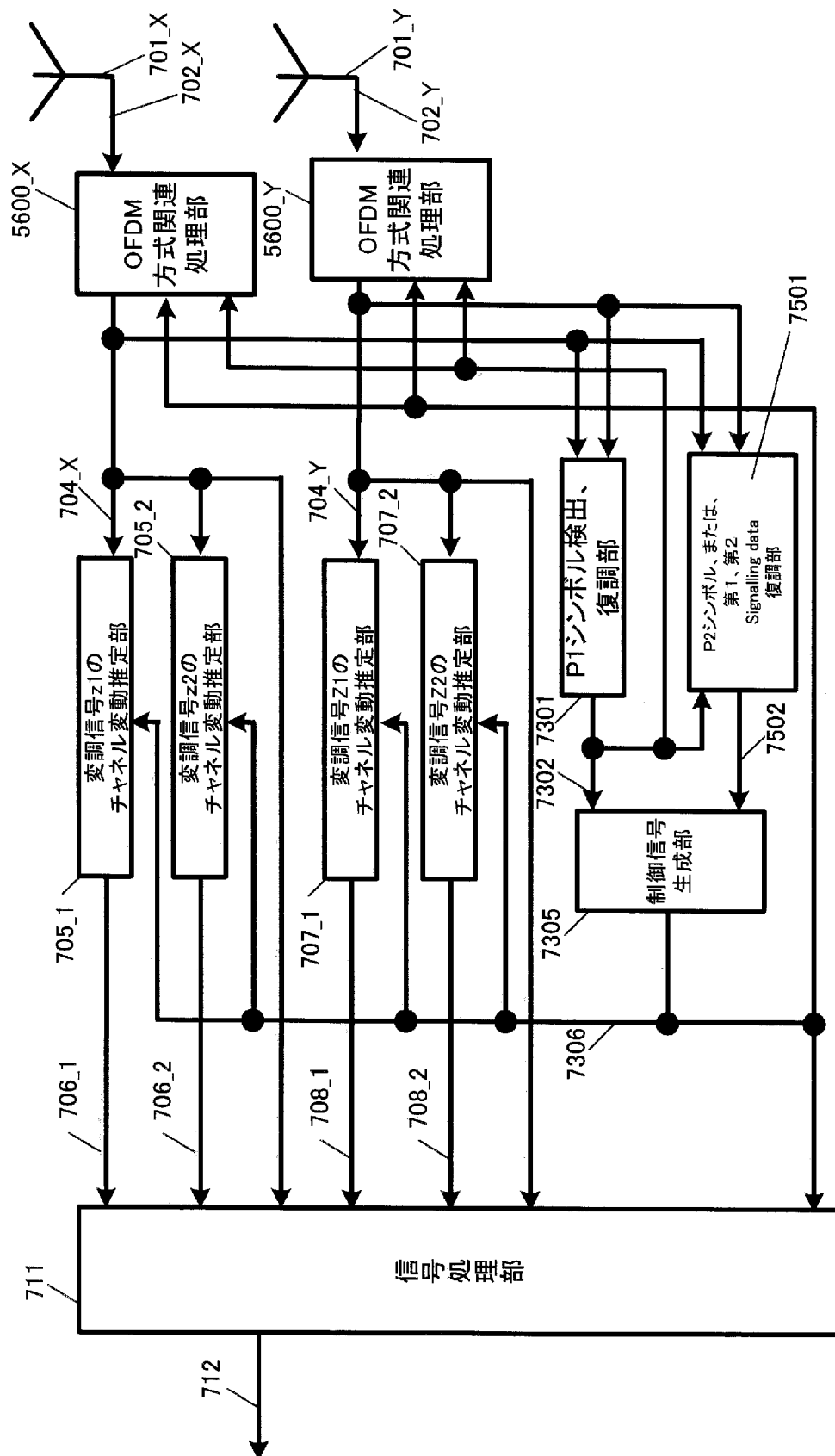
[図73]



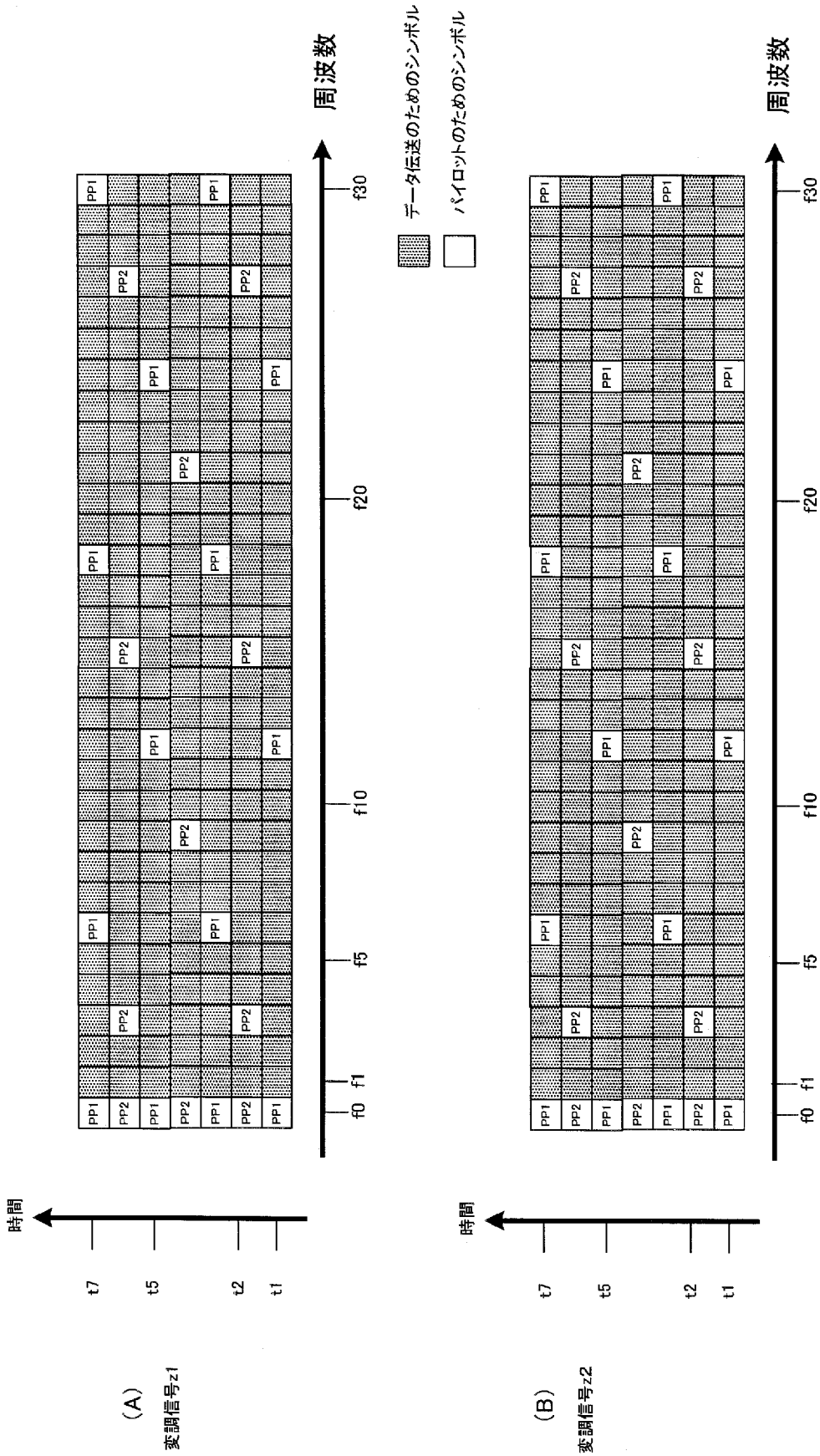
[図74]



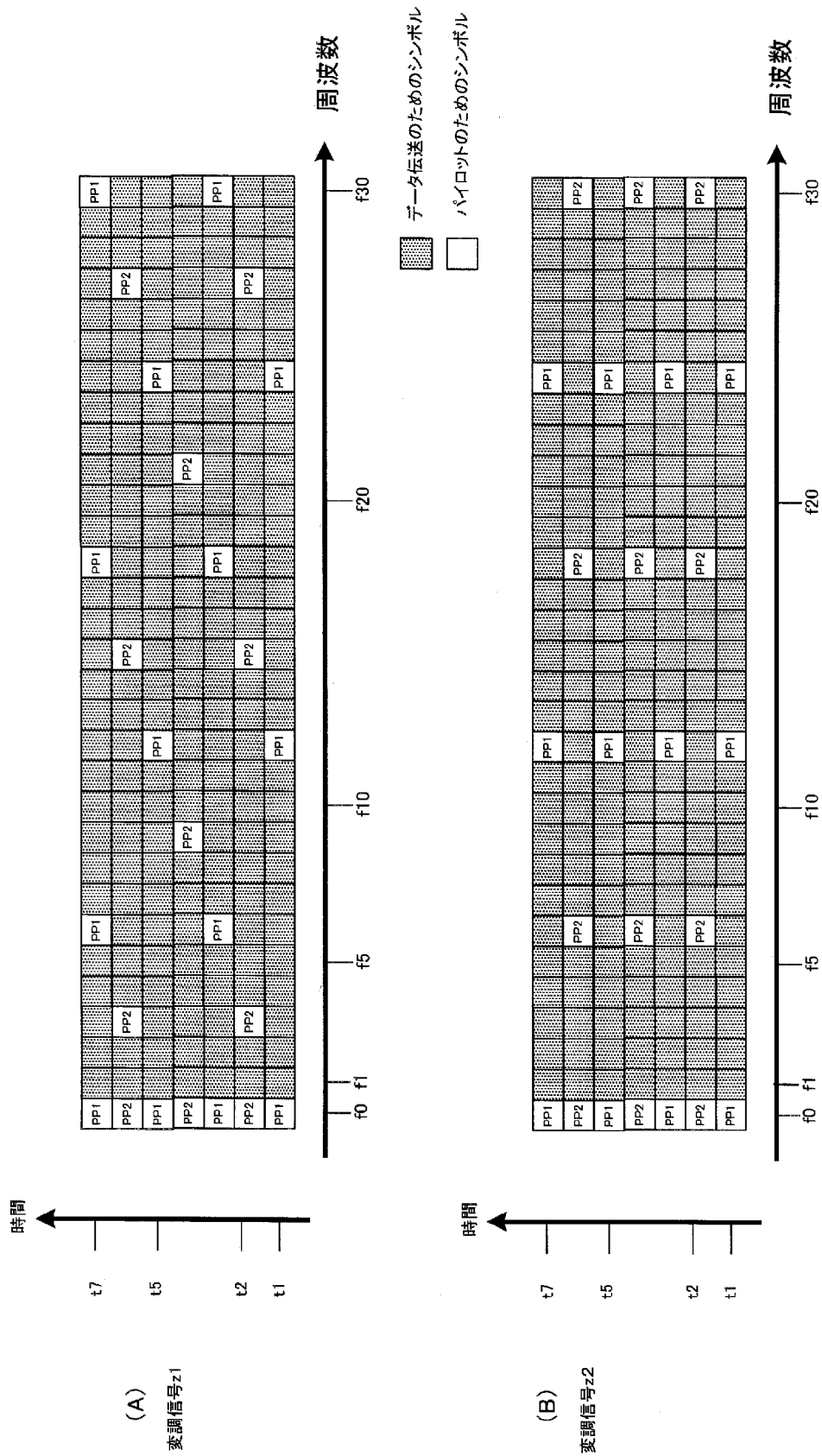
[図75]



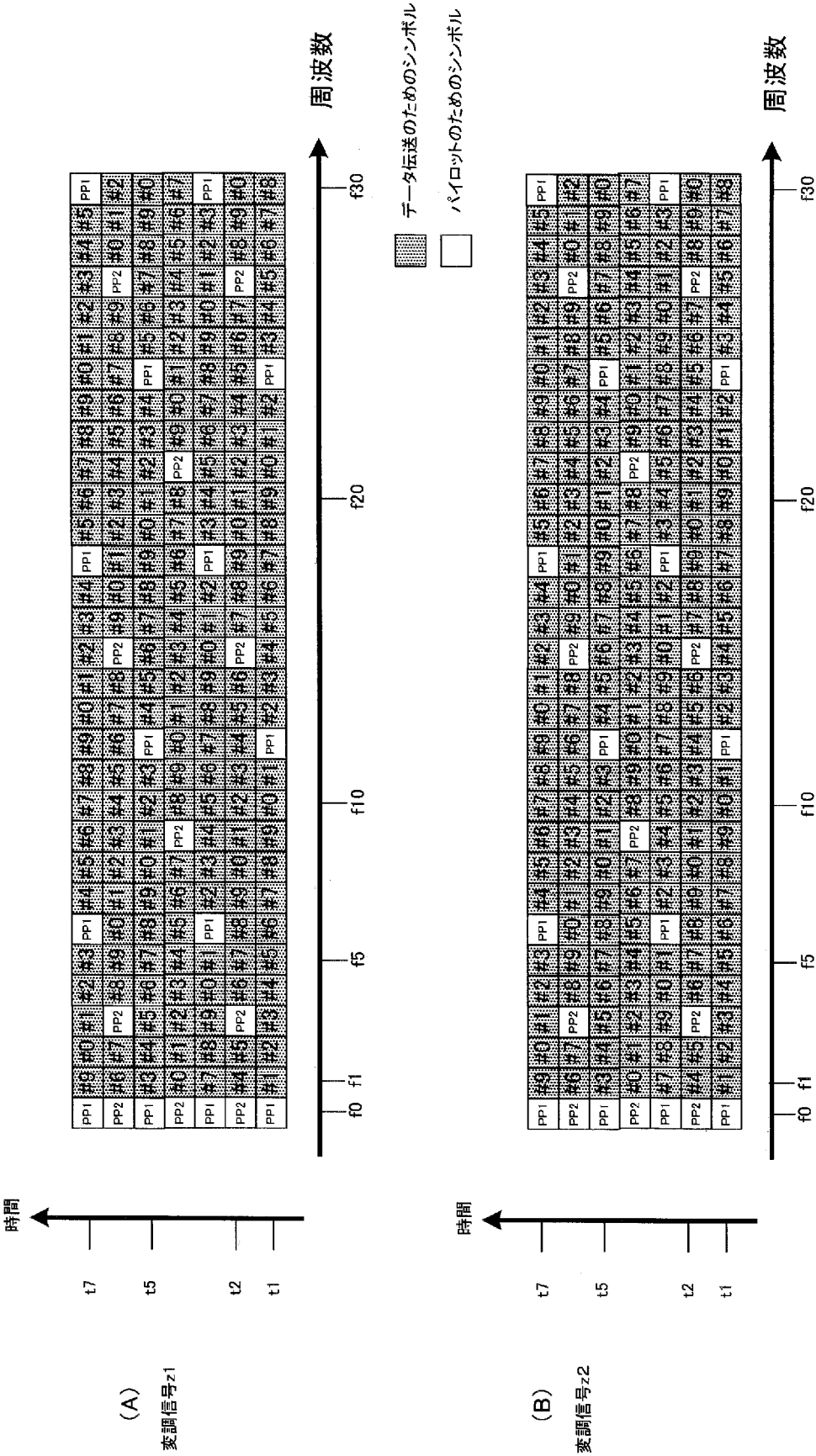
[図76]



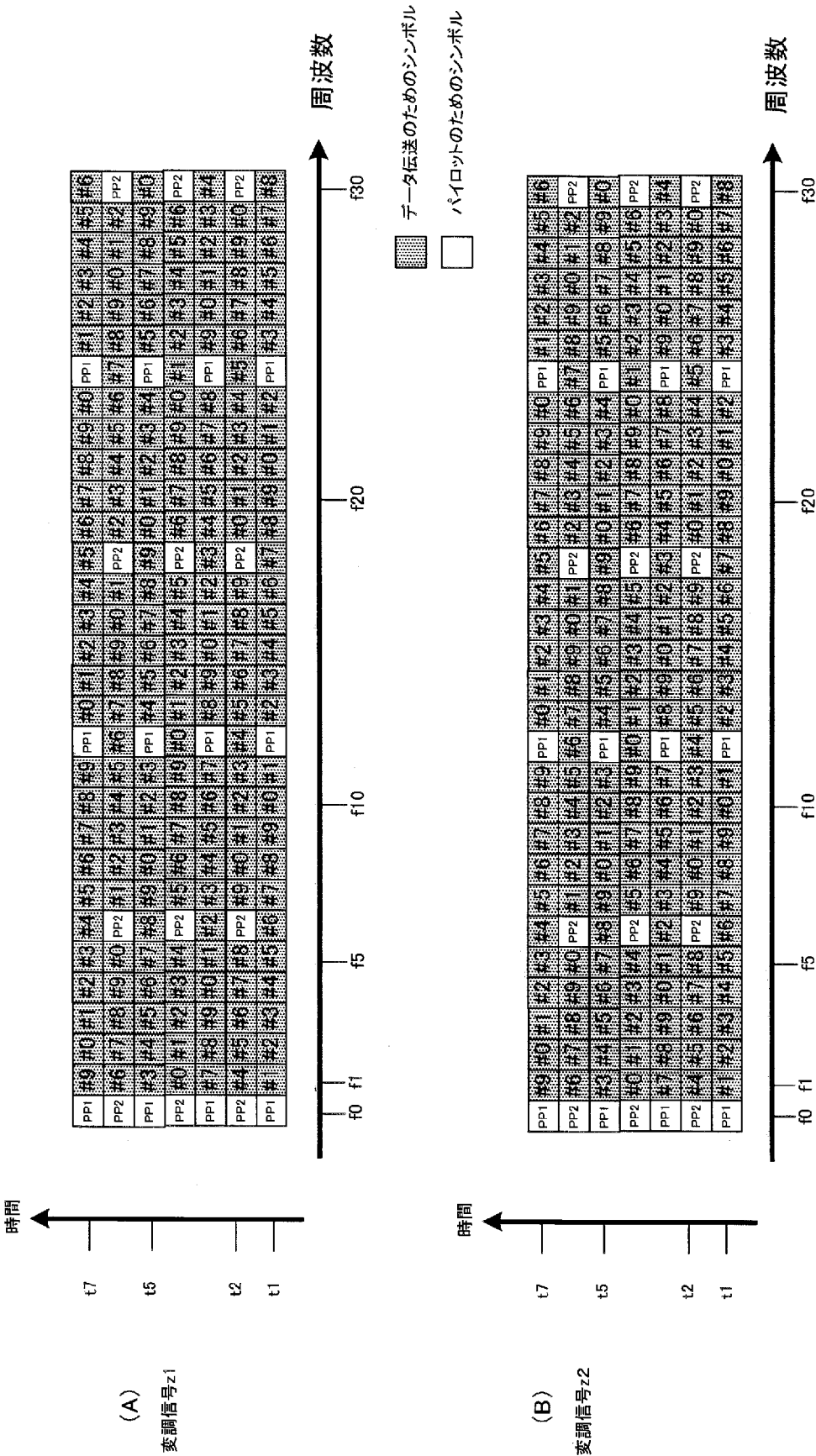
[図77]



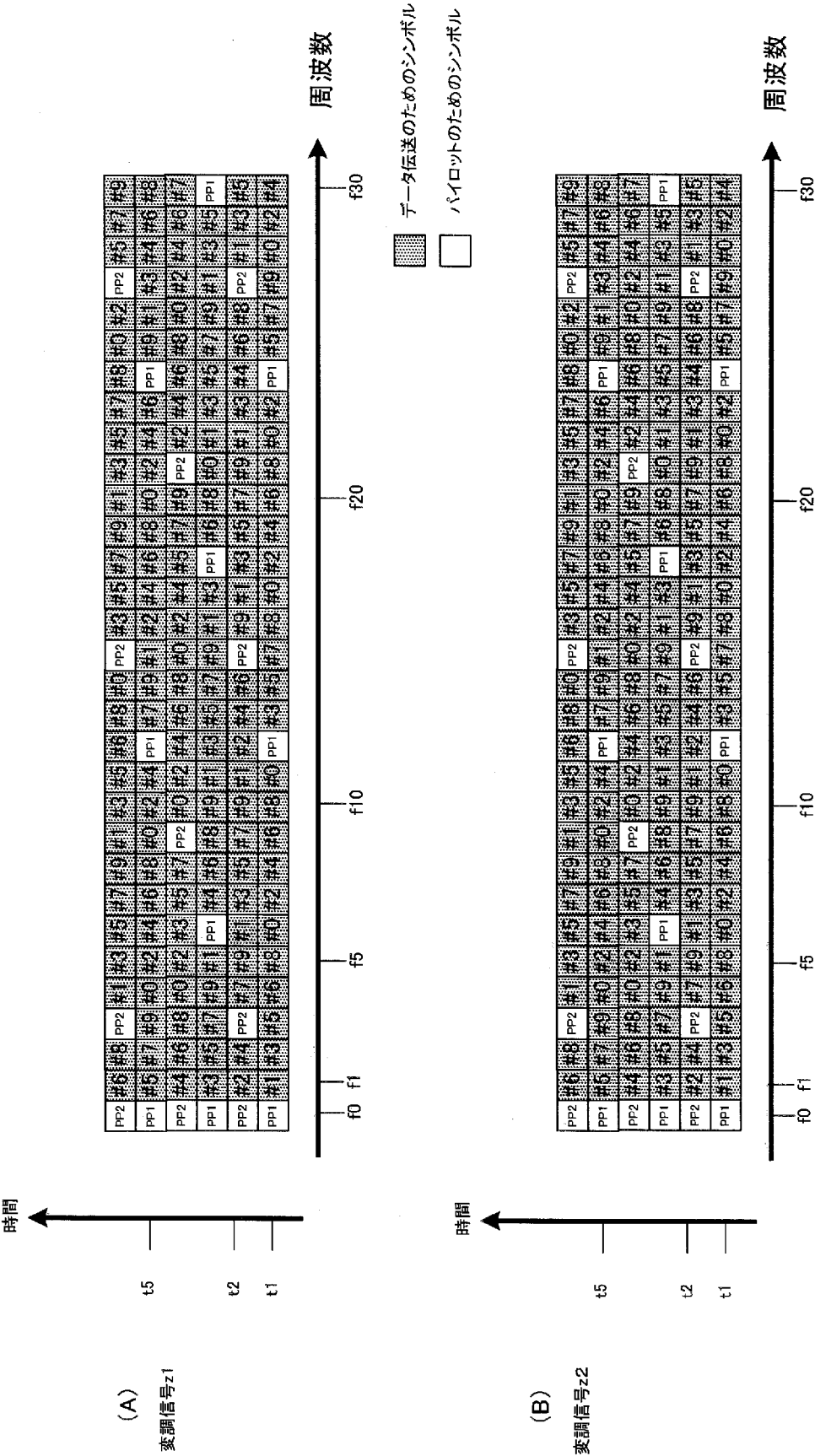
[図78]



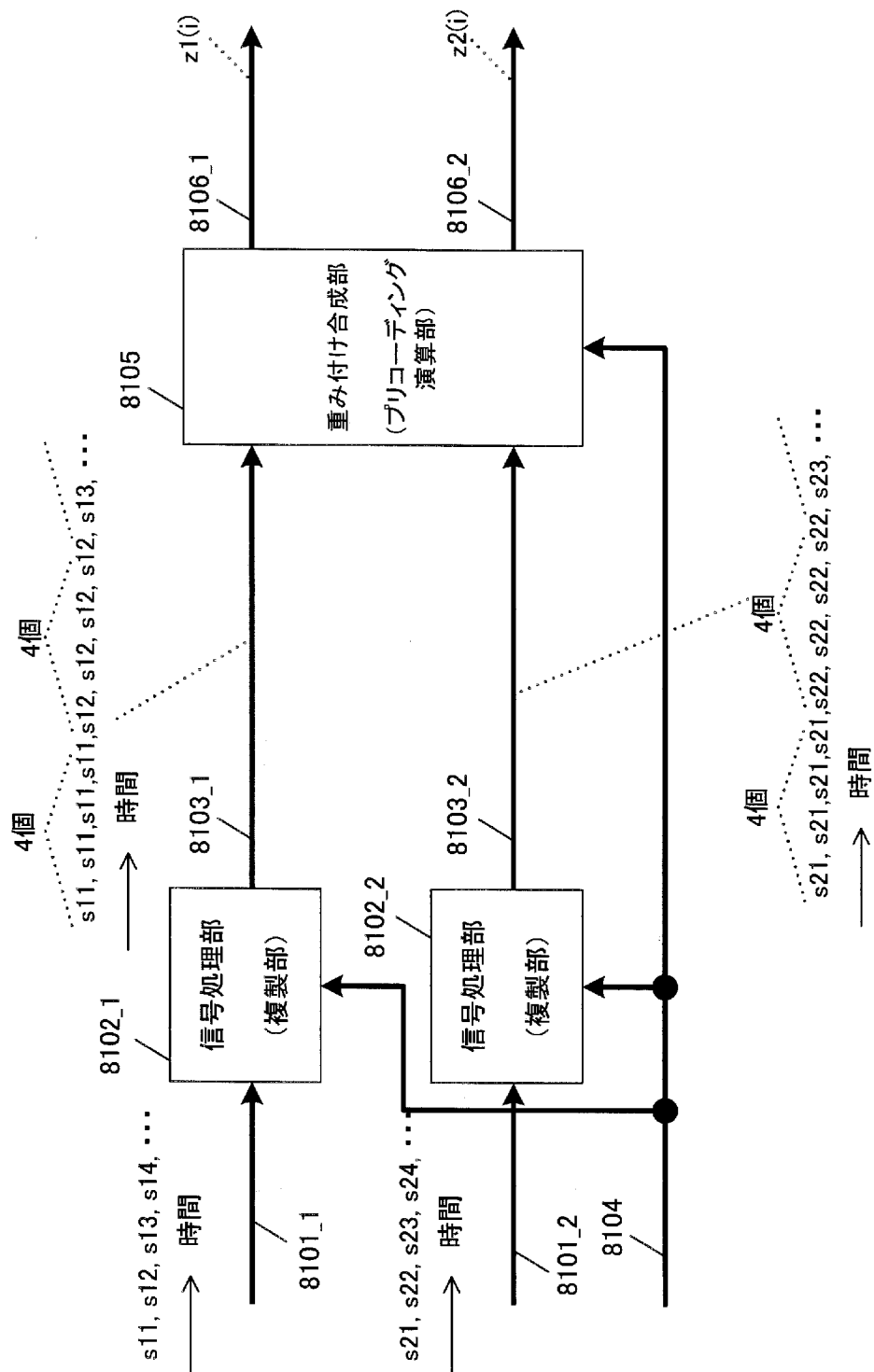
[図79]



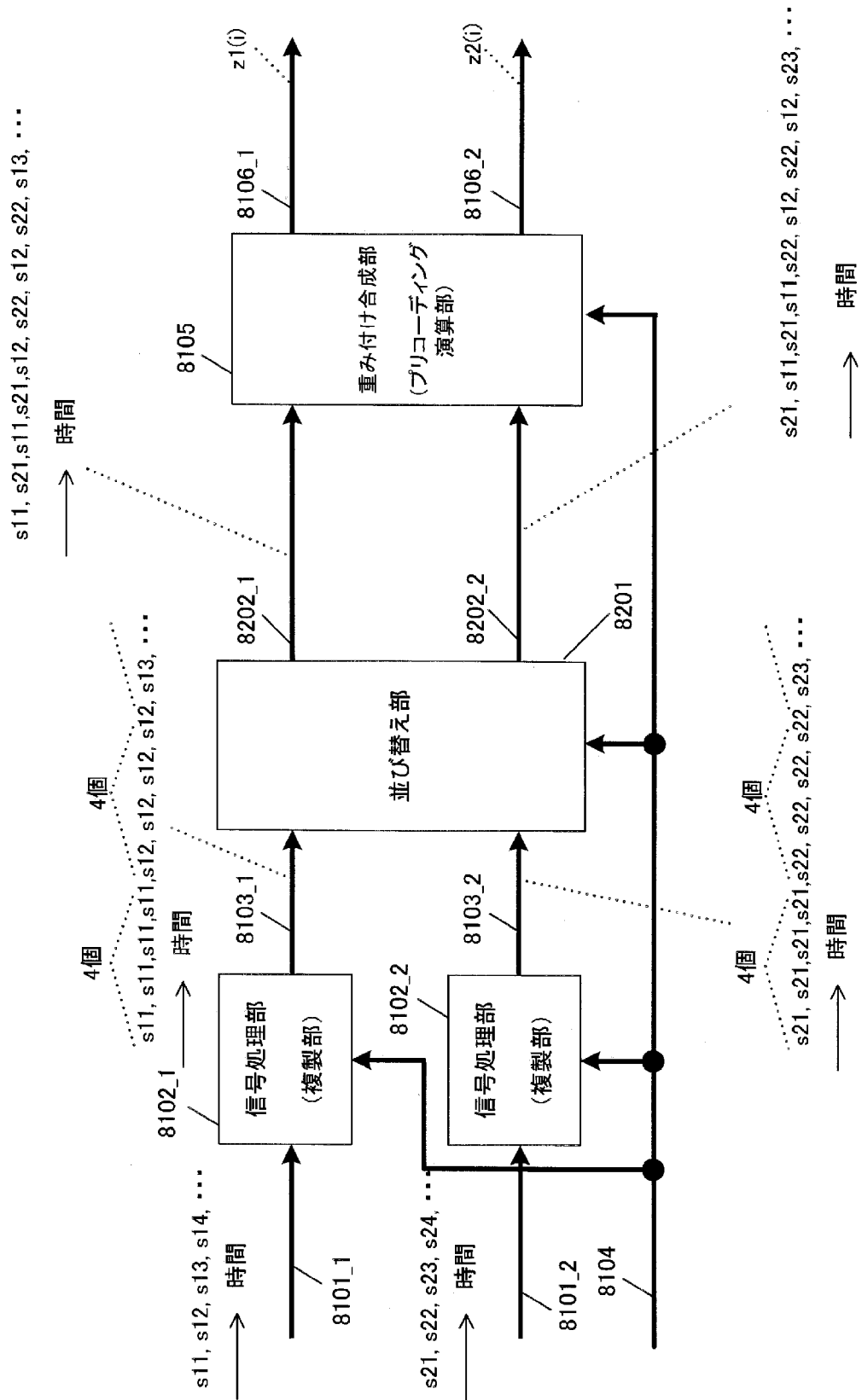
[図80]



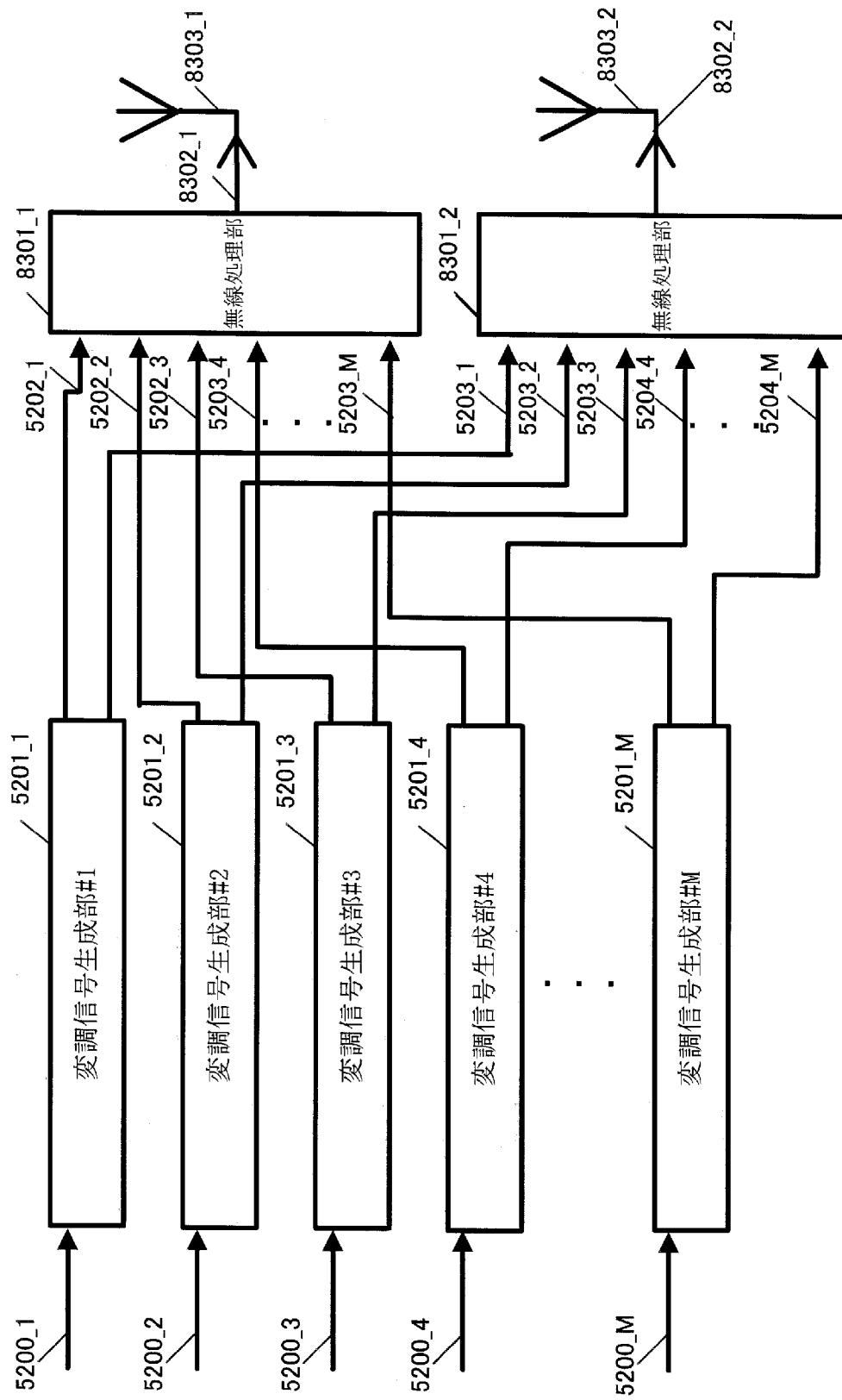
[図81]



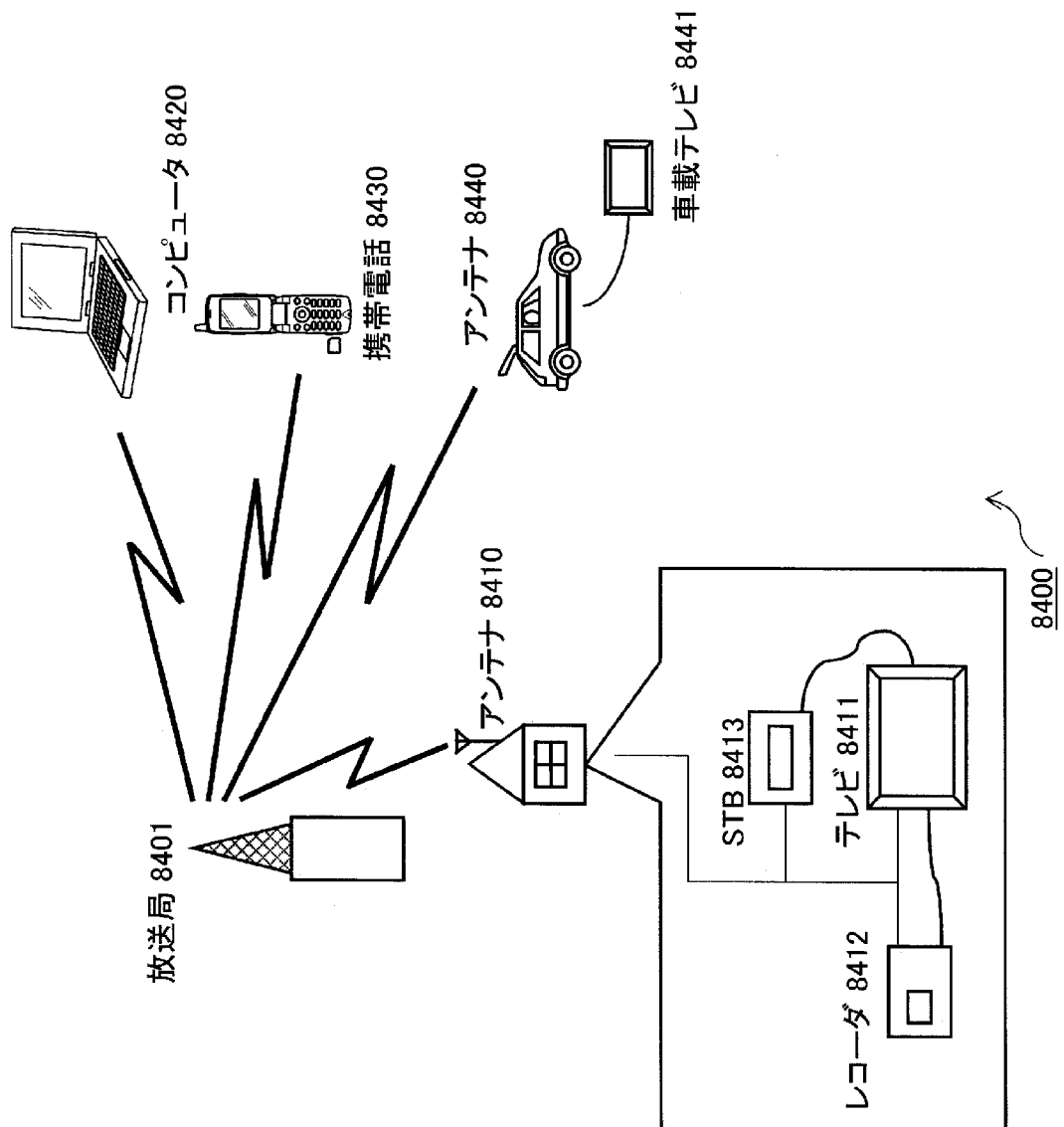
[図82]



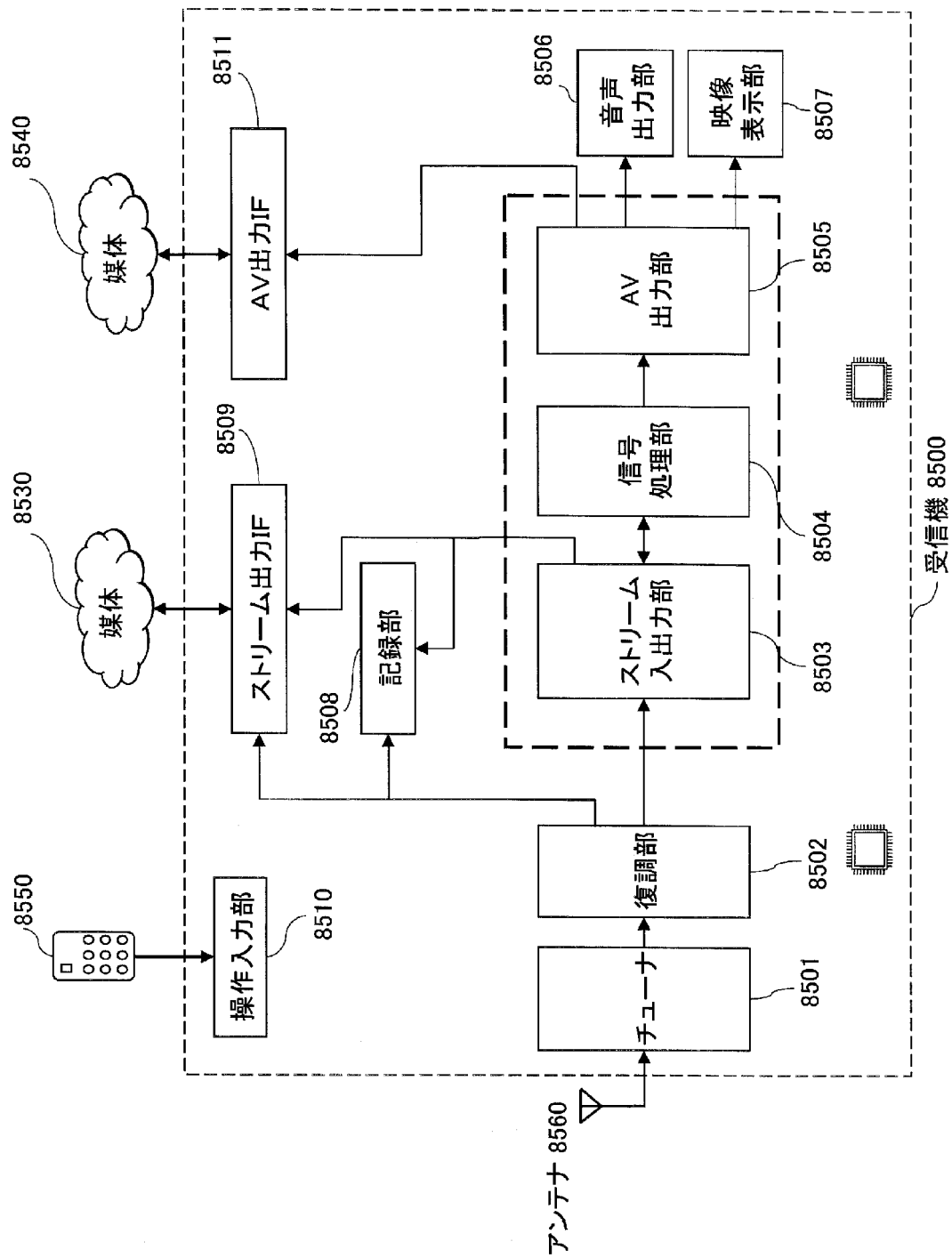
[図83]



[図84]



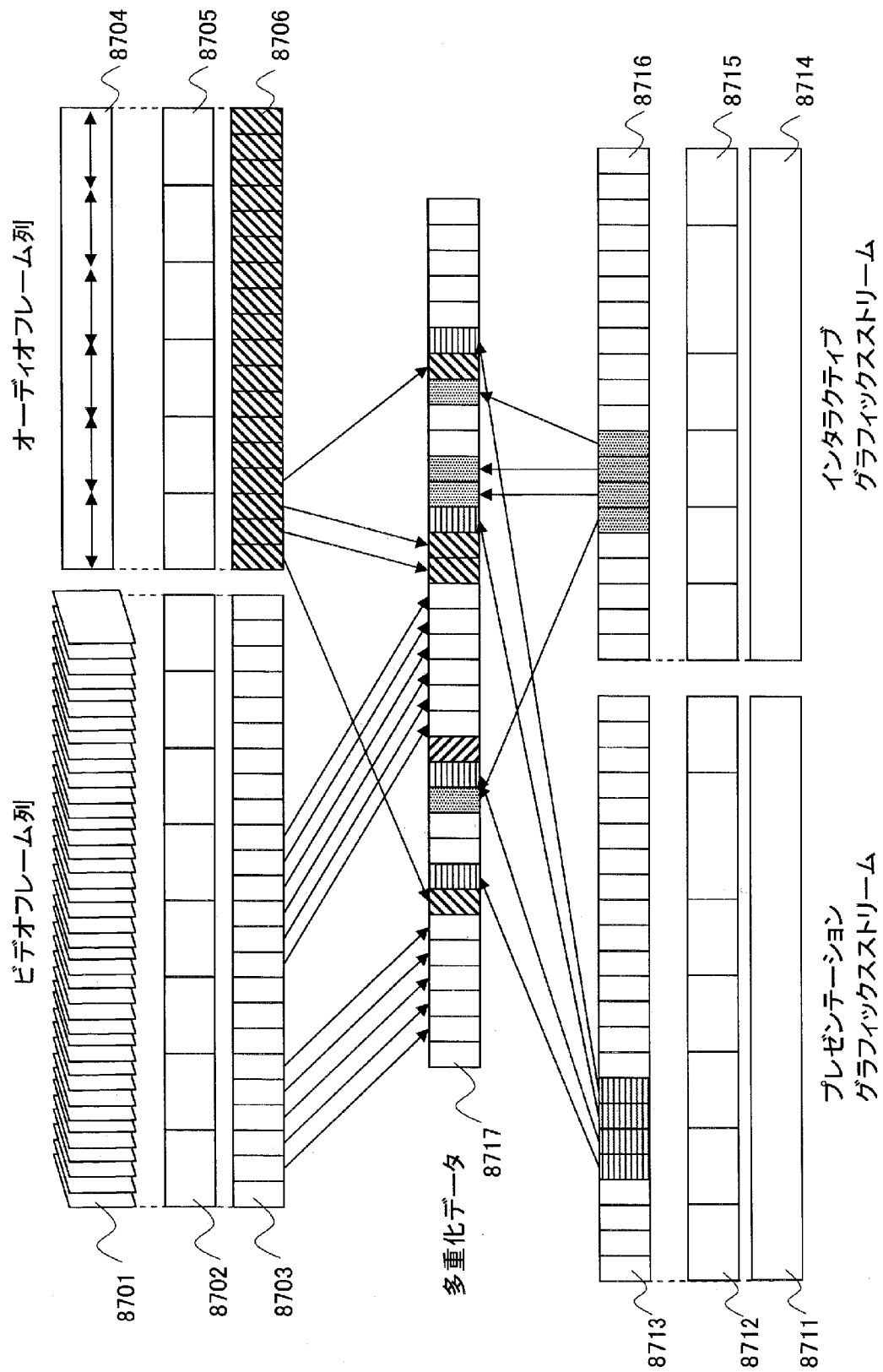
[図85]



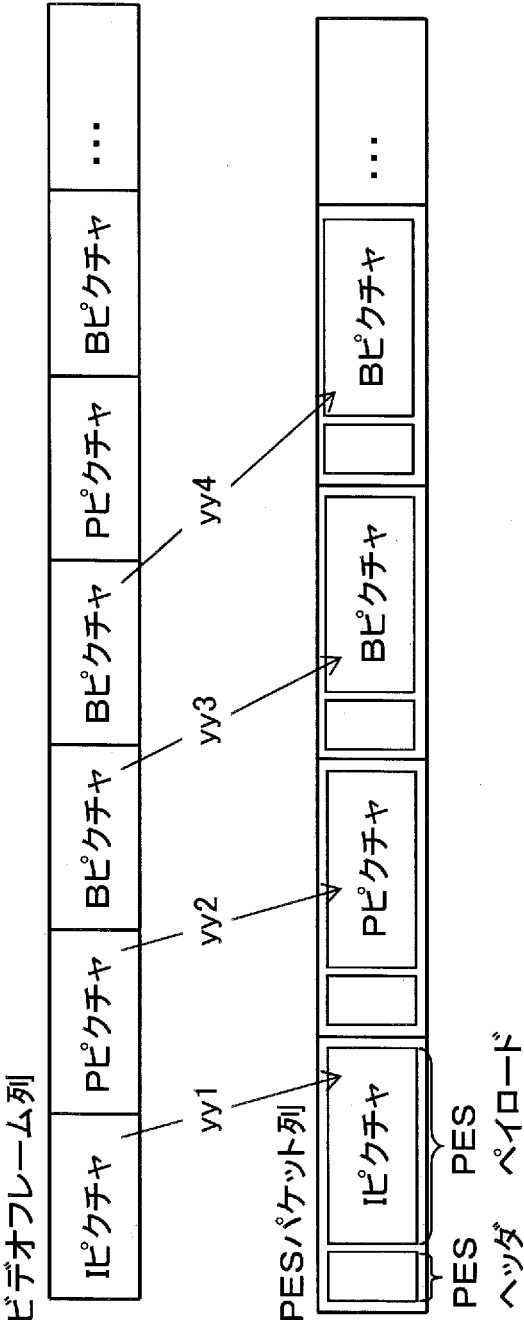
[図86]

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)

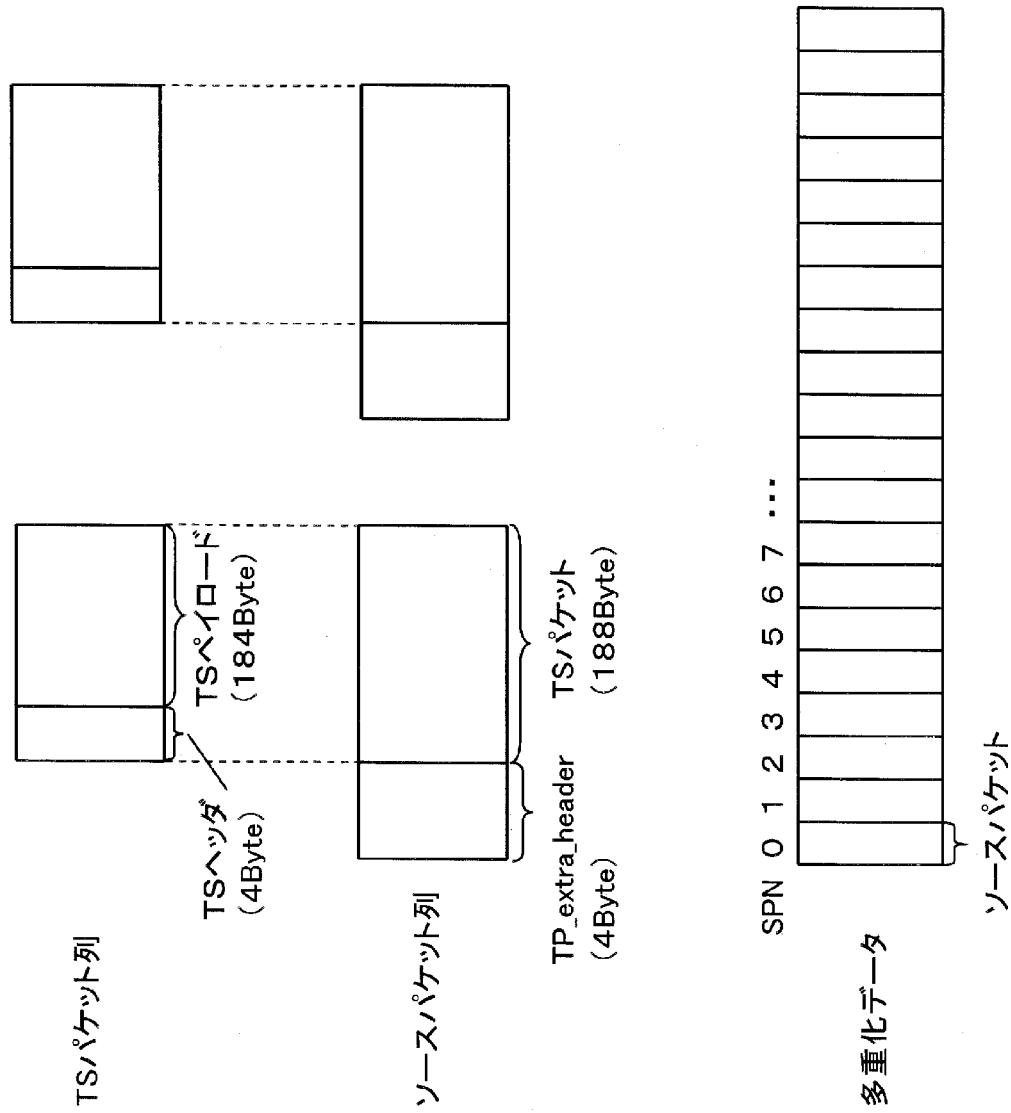
[図87]



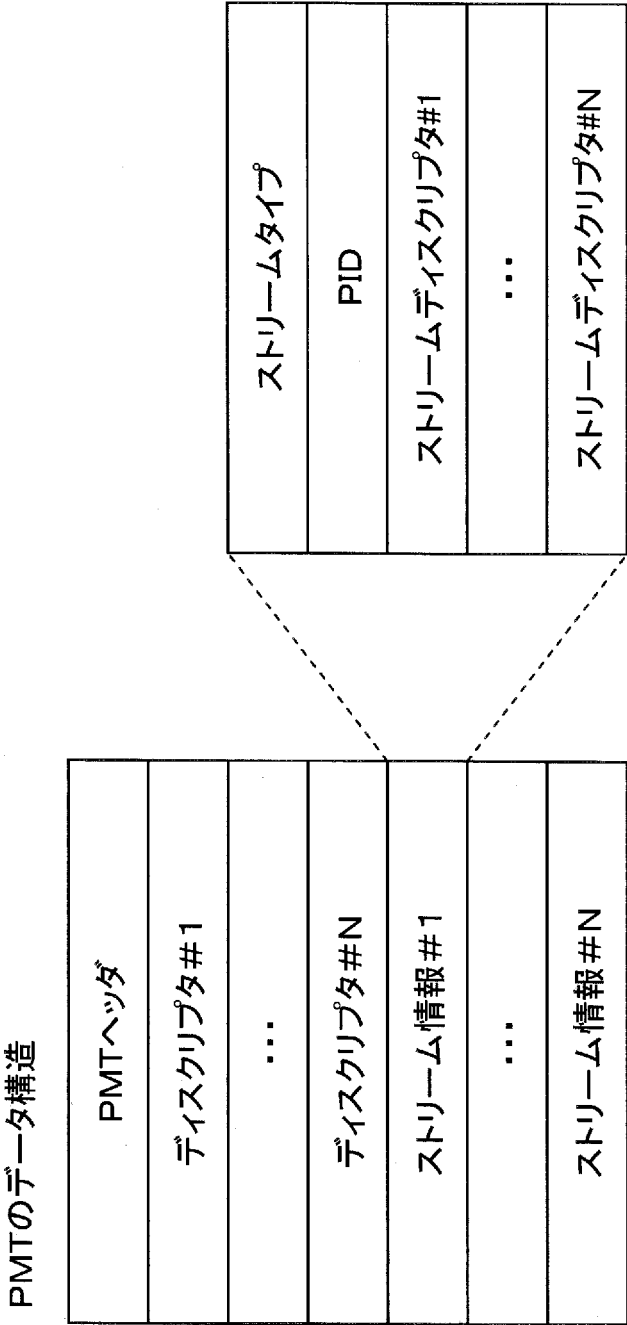
[図88]



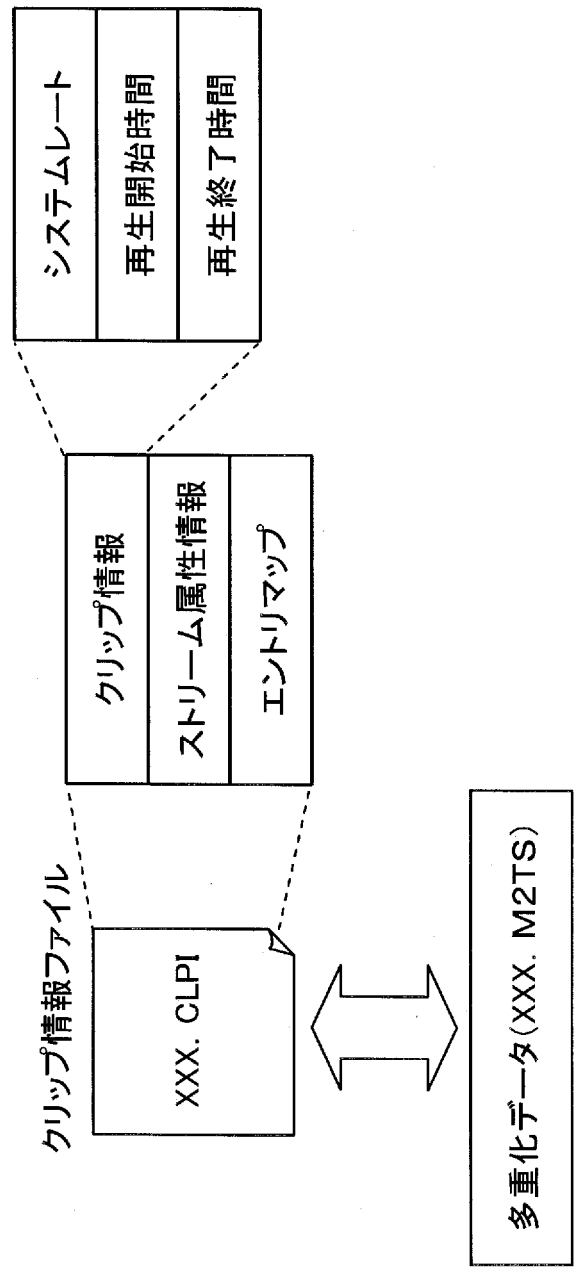
[図89]



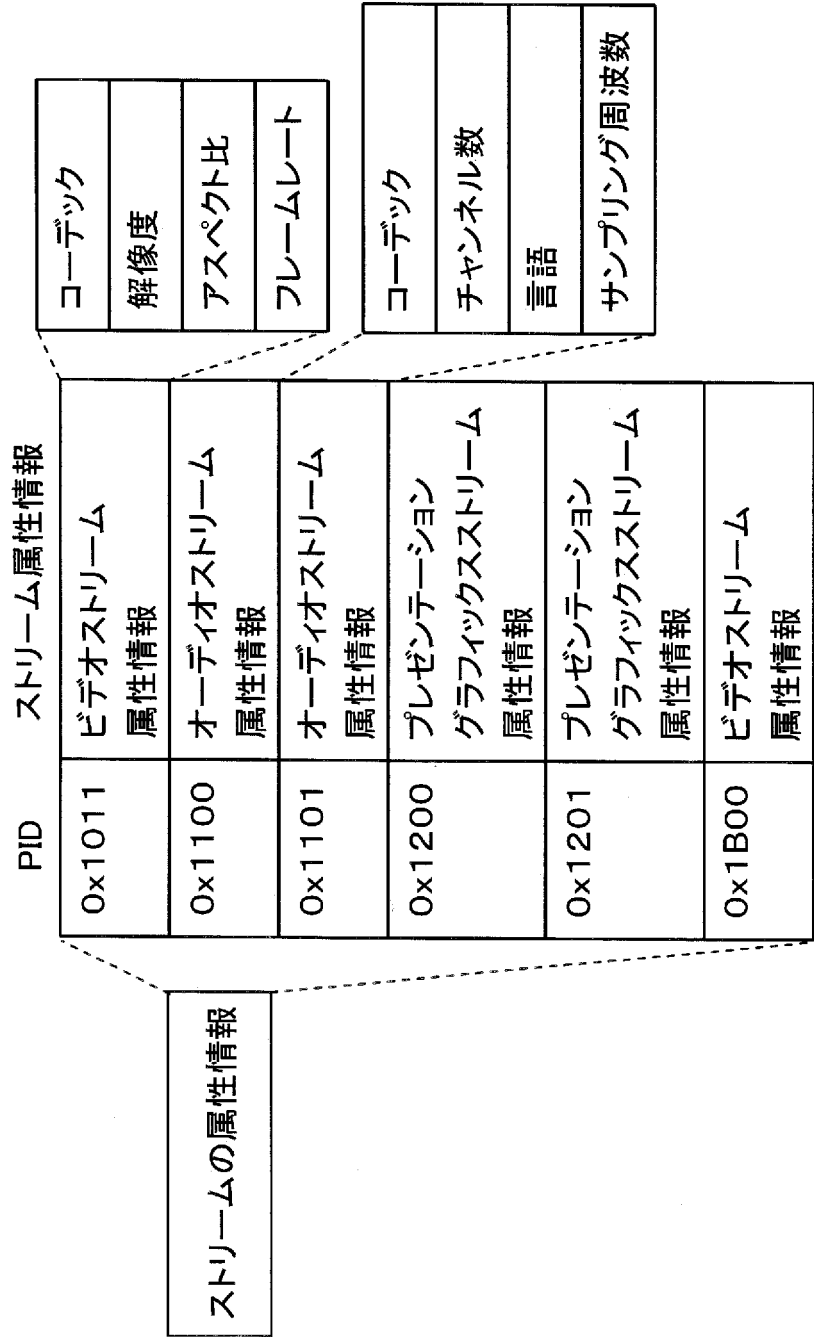
[図90]



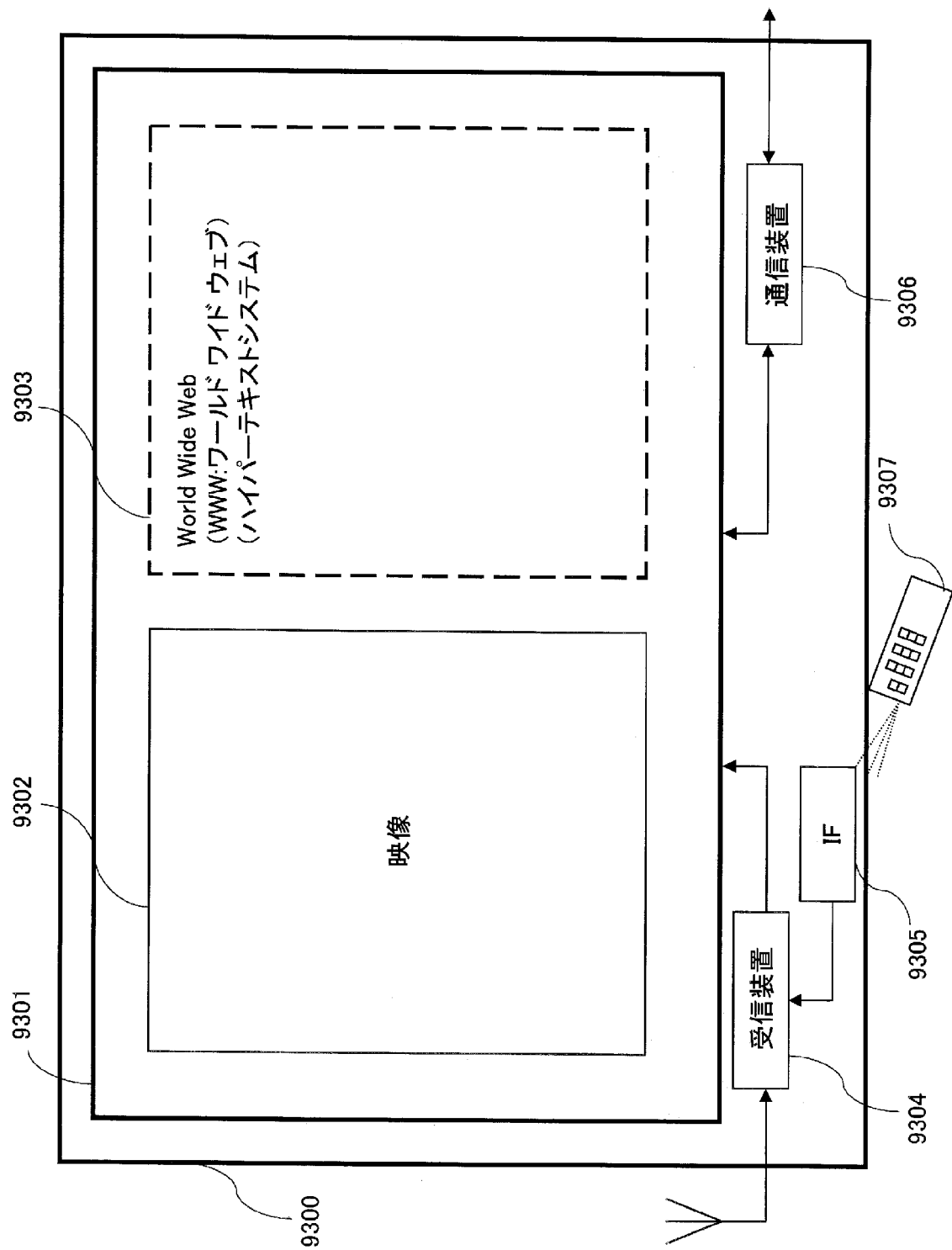
[図91]



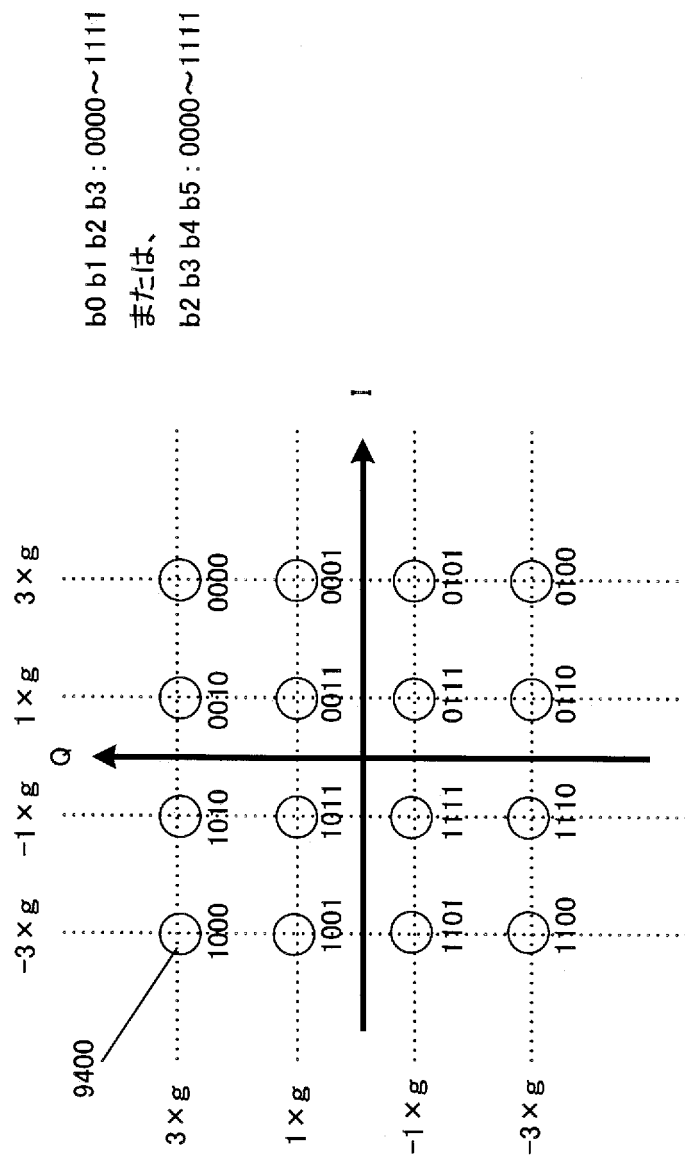
[図92]



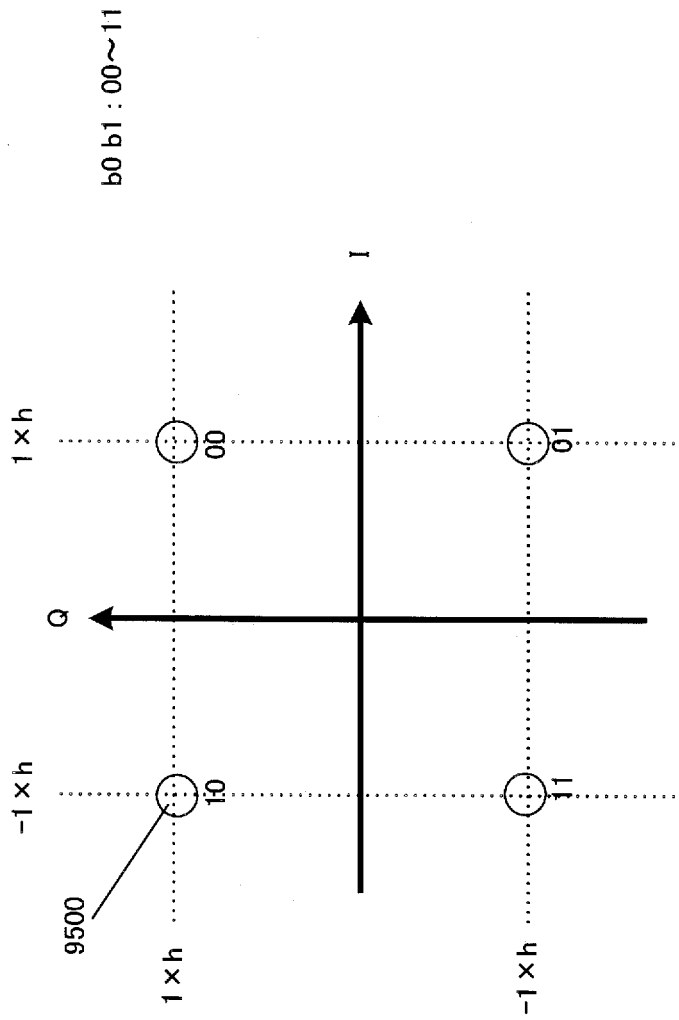
[図93]



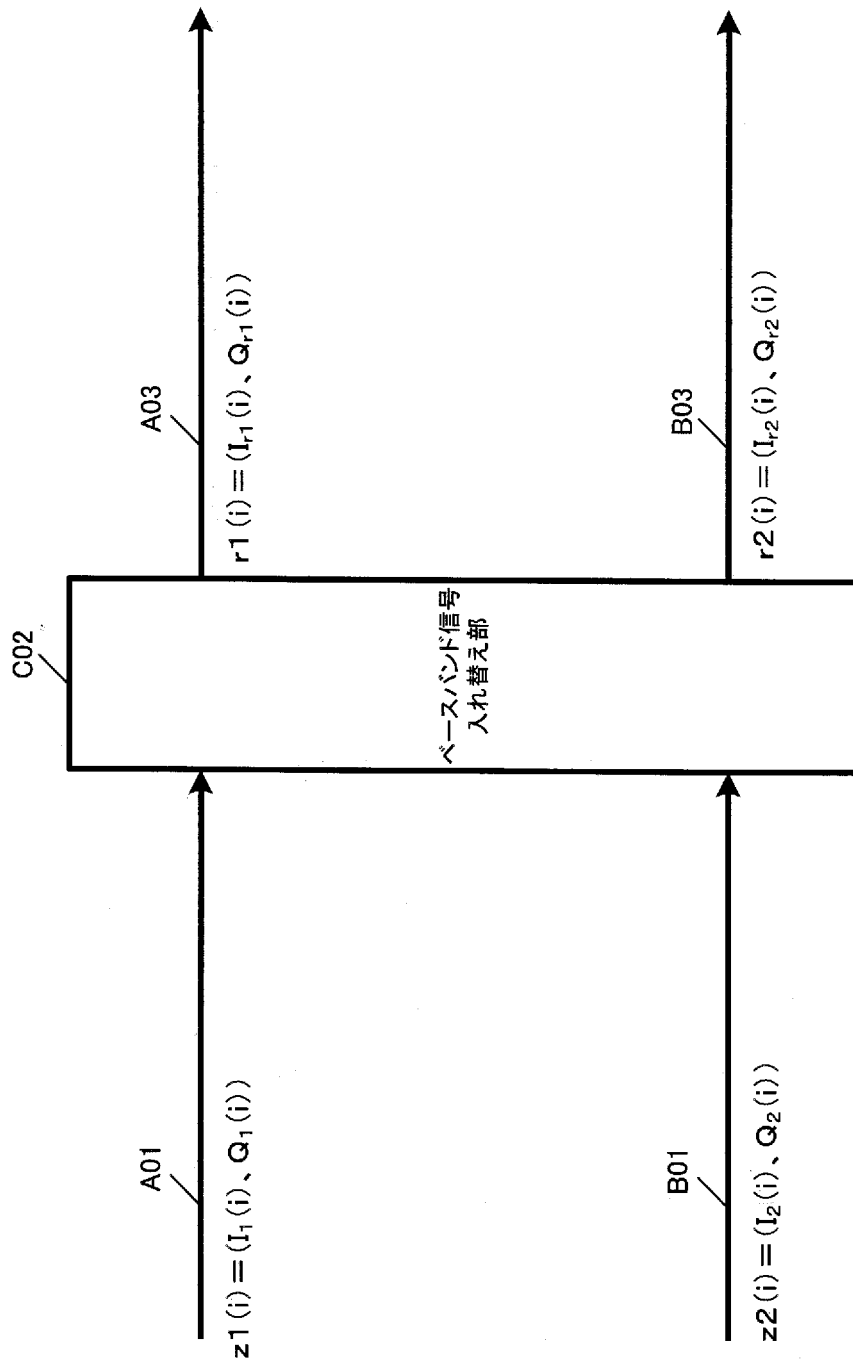
[図94]



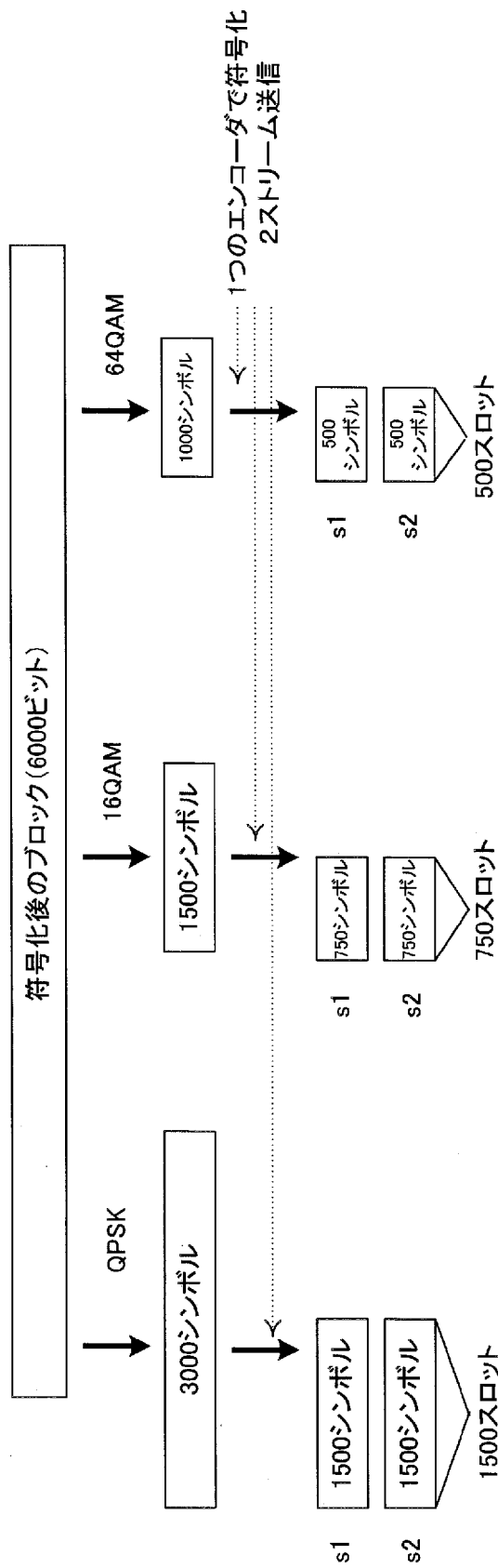
[図95]



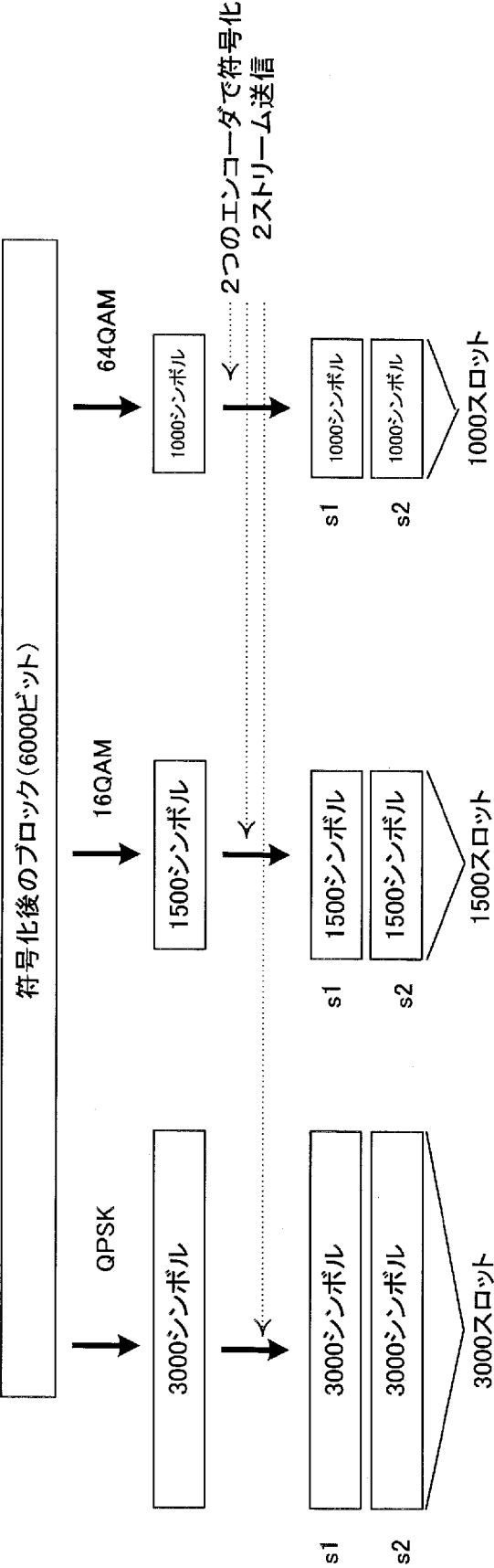
[図96]



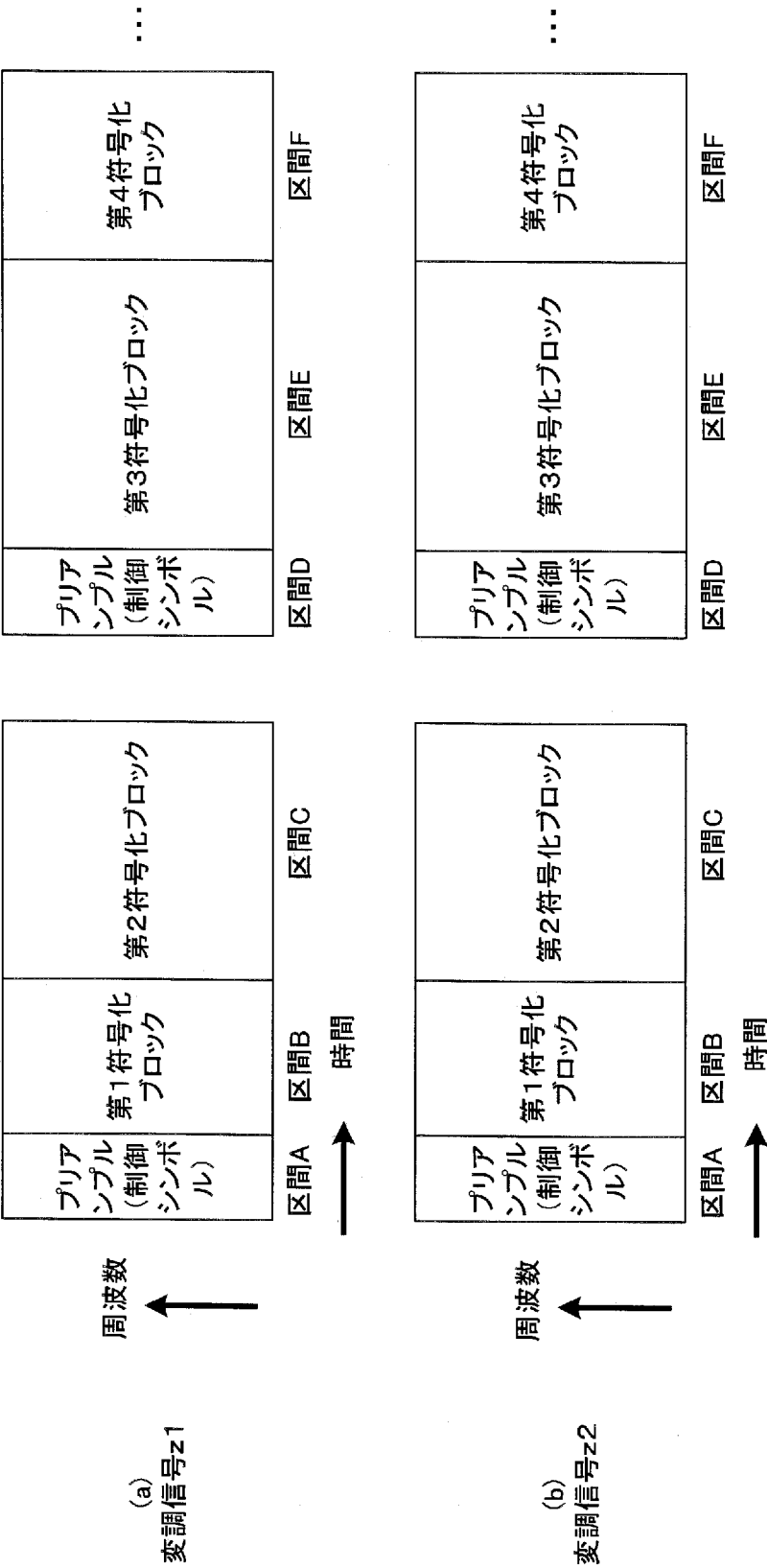
[図97]



[図98]



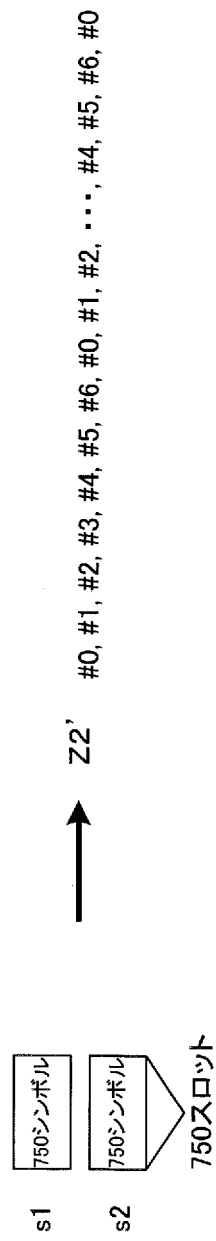
[図99]



[図100]

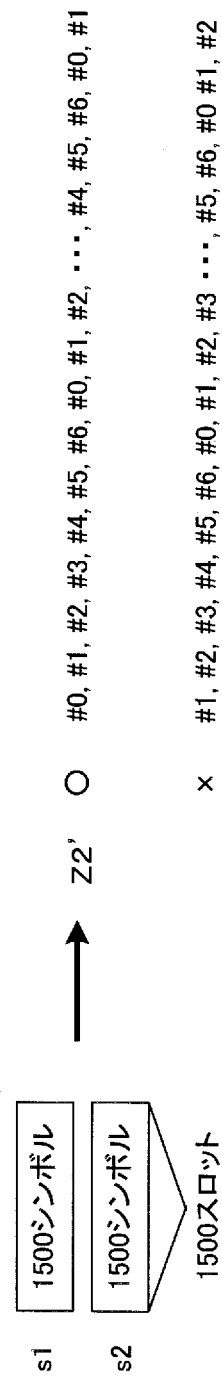
第1符号化ブロック

16QAM

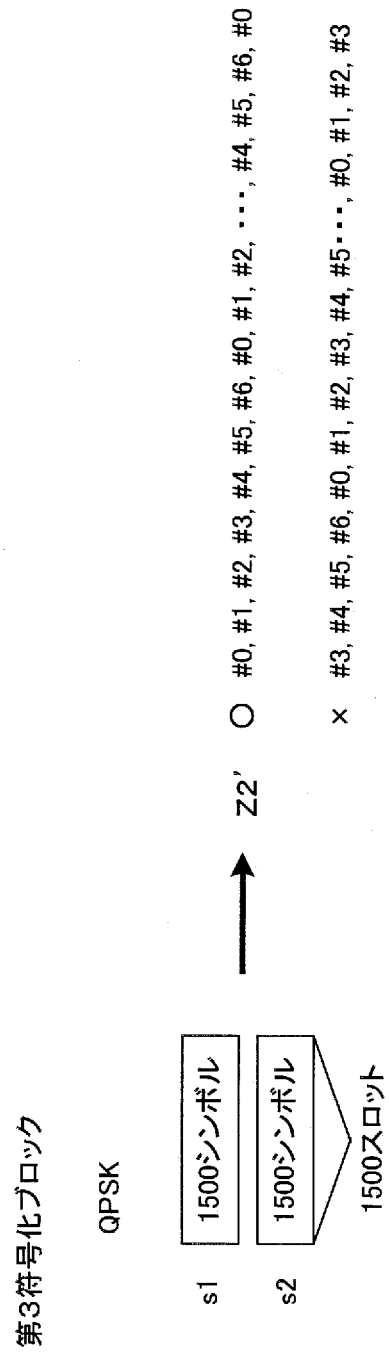


第2符号化ブロック

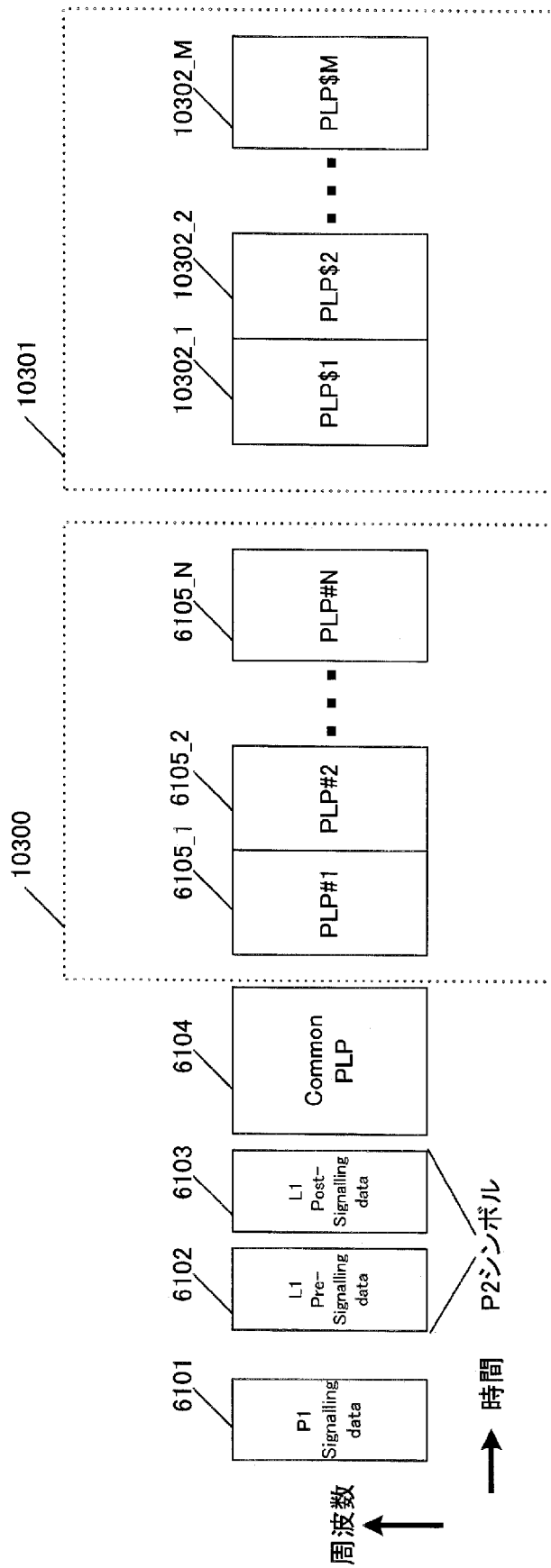
QPSK



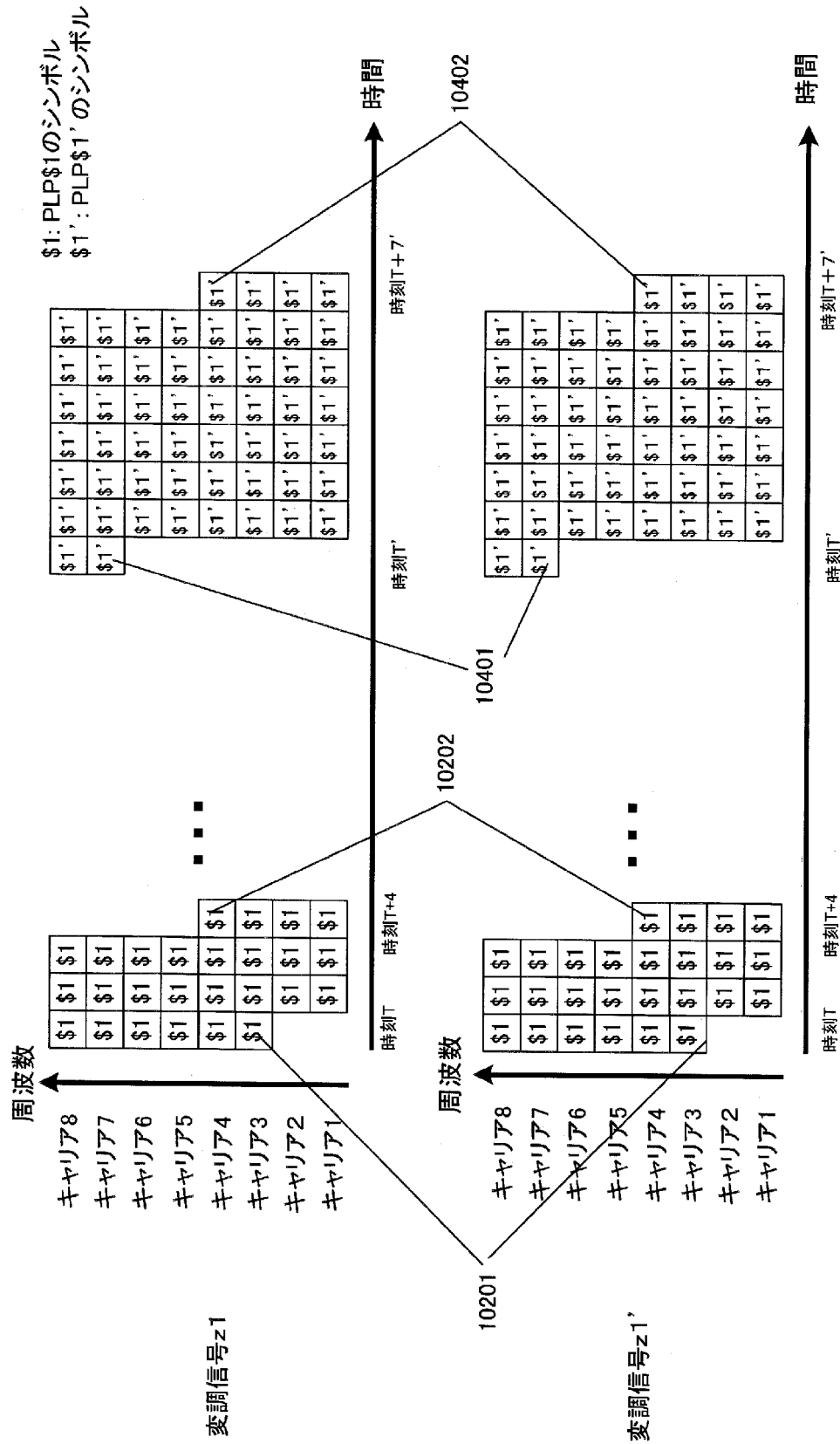
[図101]



[図103]



[図104]



[図105]

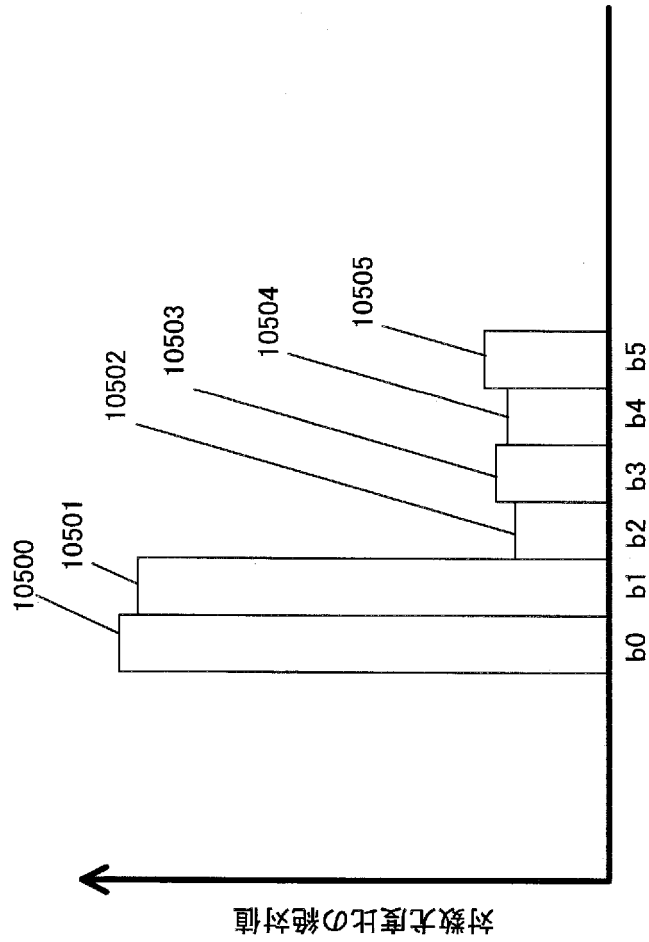
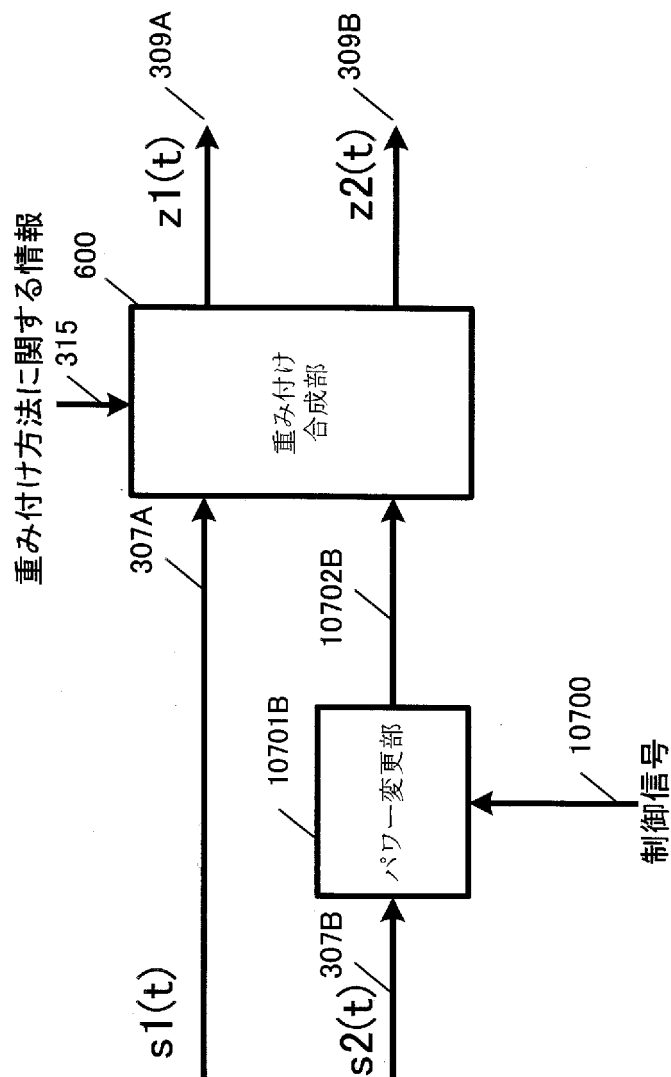
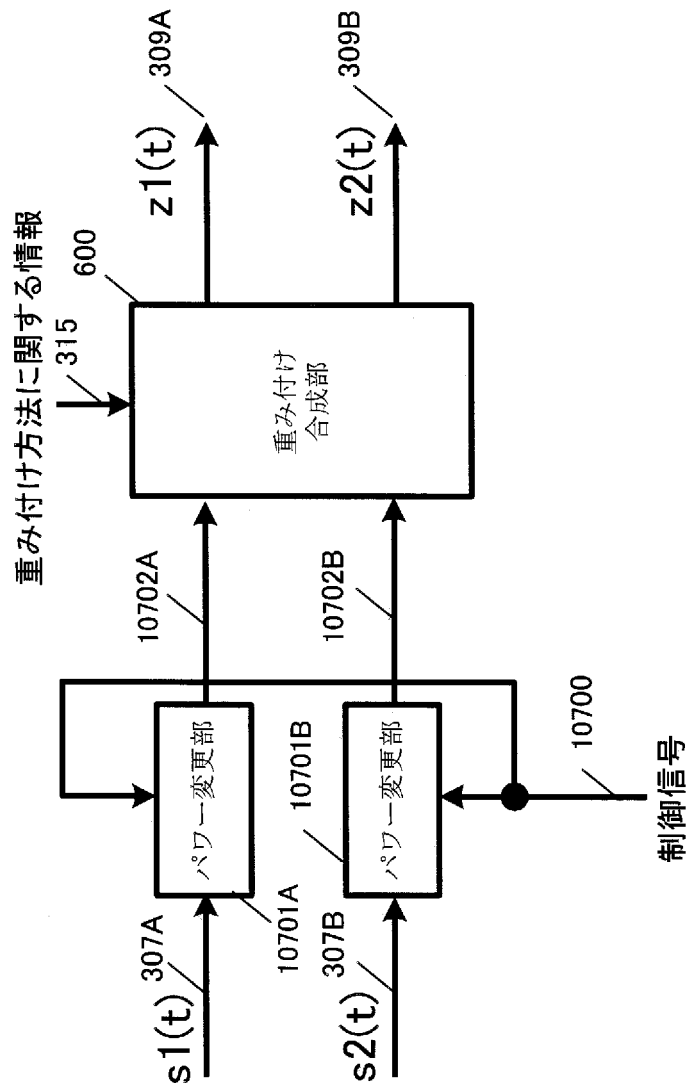


Figure 1 is a diagram illustrating the absolute values of the logarithmic ratios of the number of occurrences of each bit in a 5-bit sequence. The vertical axis is labeled "対数尤度比の絶対値" (Absolute value of the logarithmic ratio of the number of occurrences). The horizontal axis is labeled "b0 b1 b2 b3 b4 b5". The diagram shows six horizontal bars of varying lengths, representing the absolute values of the logarithmic ratios for each bit. The bars are labeled with their corresponding values: 10600 for b0, 10601 for b1, 10602 for b2, 10603 for b3, 10604 for b4, and 10605 for b5. The bars are arranged in descending order of length from left to right.

[図107]



[図108]



[illegible]

[図110]

プリコーディング行列の周期3												
	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM
$s1(t)$	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM
$s2(t)$	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK	16QAM	16QAM	QPSK	QPSK
パワー変更部 (10701A)	$v=a$	$v=a$	$v=b$	$v=b$	$v=a$	$v=a$	$v=b$	$v=b$	$v=a$	$v=a$	$v=b$	$v=b$
パワー変更部 (10701B)	$u=b$	$u=b$	$u=a$	$u=a$	$u=b$	$u=b$	$u=a$	$u=a$	$u=b$	$u=a$	$u=a$	$u=a$
プリコーディング行列	$F[0]$	$F[1]$	$F[2]$	$F[0]$	$F[1]$	$F[2]$	$F[0]$	$F[1]$	$F[2]$	$F[0]$	$F[1]$	$F[2]$
時間 (周波数)	$t=0$ ($f=f_0$)	$t=1$ ($f=f_1$)	$t=2$ ($f=f_2$)	$t=3$ ($f=f_3$)	$t=4$ ($f=f_4$)	$t=5$ ($f=f_5$)	$t=6$ ($f=f_6$)	$t=7$ ($f=f_7$)	$t=8$ ($f=f_8$)	$t=9$ ($f=f_9$)	$t=10$ ($f=f_{10}$)	$t=11$ ($f=f_{11}$)

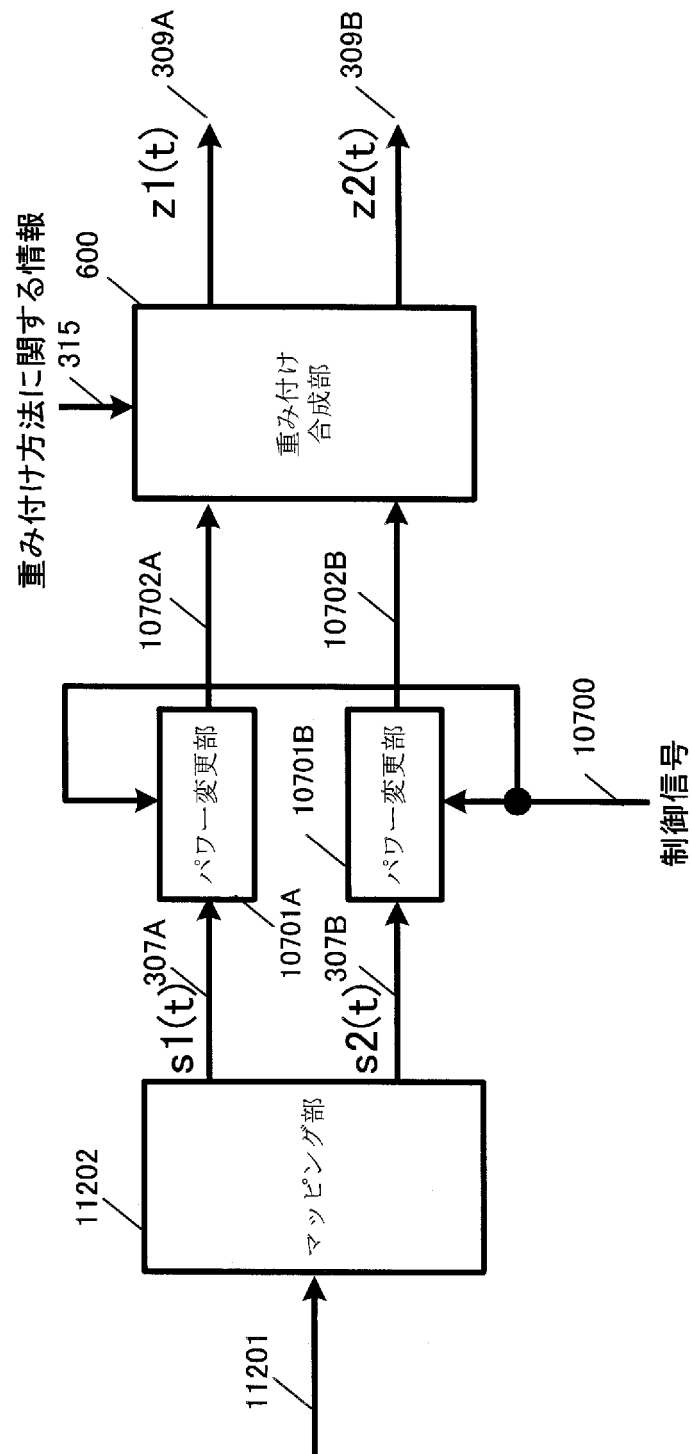
プリコーディング行列と変調方式
 切り替えを考慮した時の周期6=3x2

[図111]

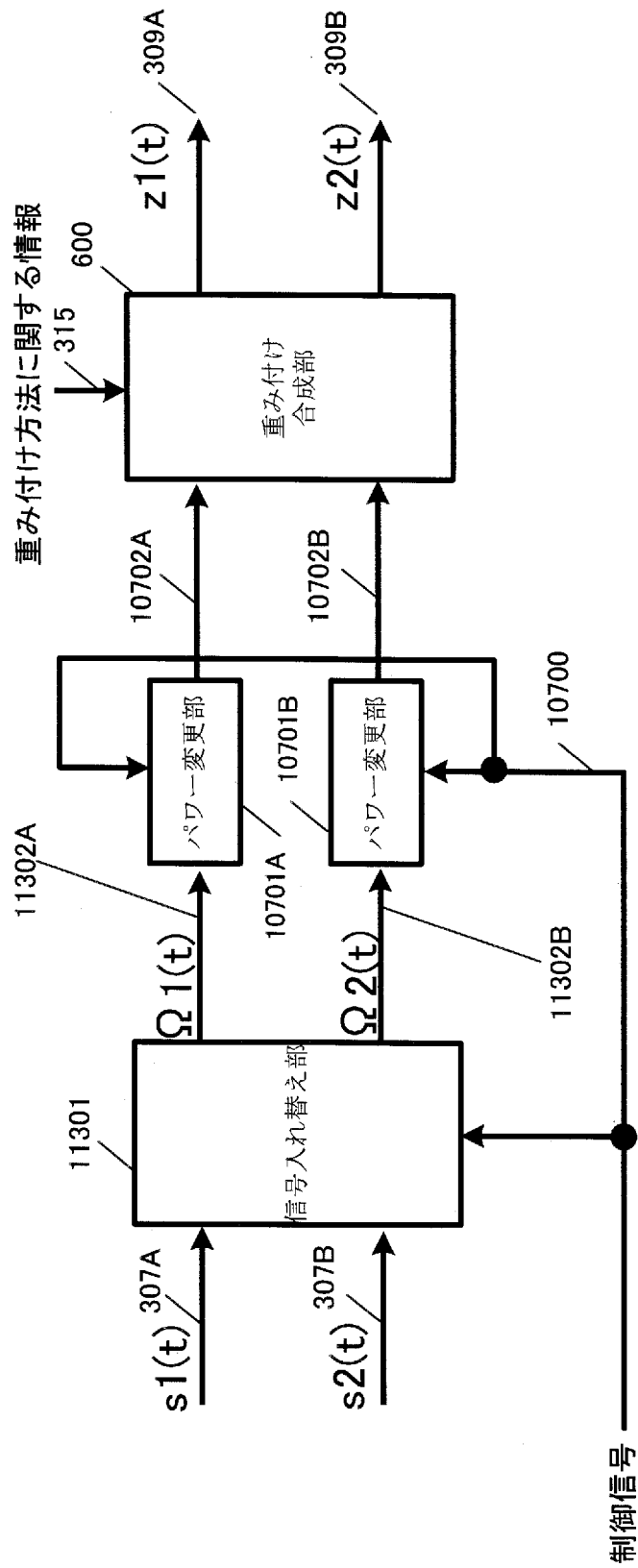
s1(t)	プリコーディング行列の周期3					
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
s2(t)	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK
パワー変更部 (10701A)	v=a	v=b	v=a	v=b	v=a	v=b
パワー変更部 (10701B)	u=b	u=a	u=b	u=a	u=b	u=a
プリコーディング行列	F[0]	F[1]	F[2]	F[0]	F[1]	F[2]
時間 (周波数)	t=0 (f=f0)	t=1 (f=f1)	t=2 (f=f2)	t=3 (f=f3)	t=4 (f=f4)	t=5 (f=f5)
	t=6 (f=f6)	t=7 (f=f7)	t=8 (f=f8)	t=9 (f=f9)	t=10 (f=f10)	t=11 (f=f11)
	...	...	...	...	...	...

プリコーディング行列と変調方式
切り替えを考慮した時の周期6=3x2

[図112]



[図113]



プリコーディング行列の周期3

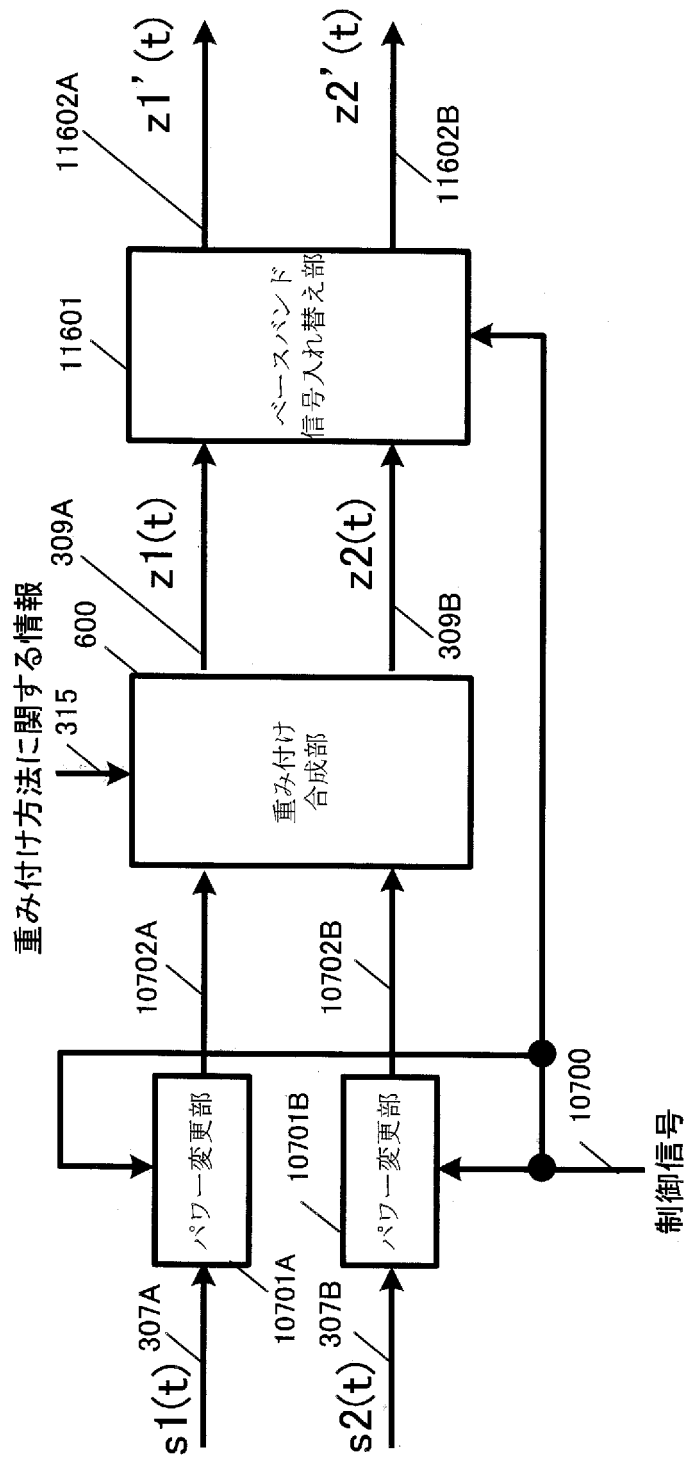
プリコーデイング行列と変調方式
切り替えを考慮した時の周期 $6=3 \times 2$

プリコーディング行列の周期3

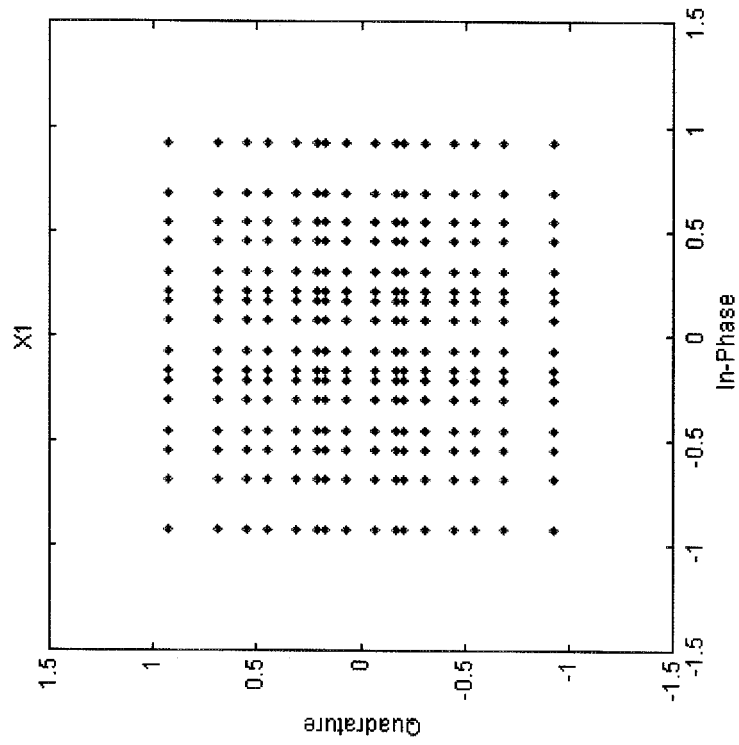
$s1(t)$	QPSK												...
$s2(t)$	16QAM												...
$\Omega 1(t)$	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	...
$\Omega 2(t)$	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	...	
パワー変更部 (10701A)	$v=a$	$v=b$	$v=a$	$v=b$	$v=a$	$v=b$	$v=a$	$v=b$	$v=a$	$v=b$	$v=a$	$v=b$	...
パワー変更部 (10701B)	$u=b$	$u=a$	$u=b$	$u=a$	$u=b$	$u=a$	$u=b$	$u=a$	$u=b$	$u=a$	$u=b$	$u=a$	...
プリコーディング行列	F[0]	F[1]	F[2]	F[0]	F[1]	F[2]	F[0]	F[1]	F[2]	F[0]	F[1]	F[2]	...
時間 (周波数)	$t=0$ ($f=f_0$)	$t=1$ ($f=f_1$)	$t=2$ ($f=f_2$)	$t=3$ ($f=f_3$)	$t=4$ ($f=f_4$)	$t=5$ ($f=f_5$)	$t=6$ ($f=f_6$)	$t=7$ ($f=f_7$)	$t=8$ ($f=f_8$)	$t=9$ ($f=f_9$)	$t=10$ ($f=f_{10}$)	$t=11$ ($f=f_{11}$)	...
← プリコーディング行列と変調方式 →													

プリコーディング行列と変調方式
切り替えを考慮した時の周期 $6=3 \times 2$

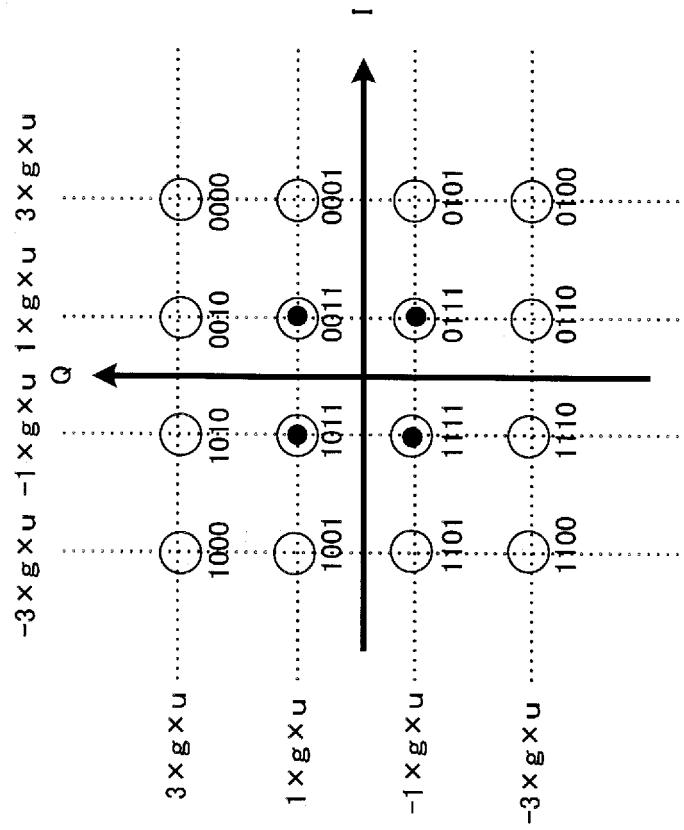
[図116]



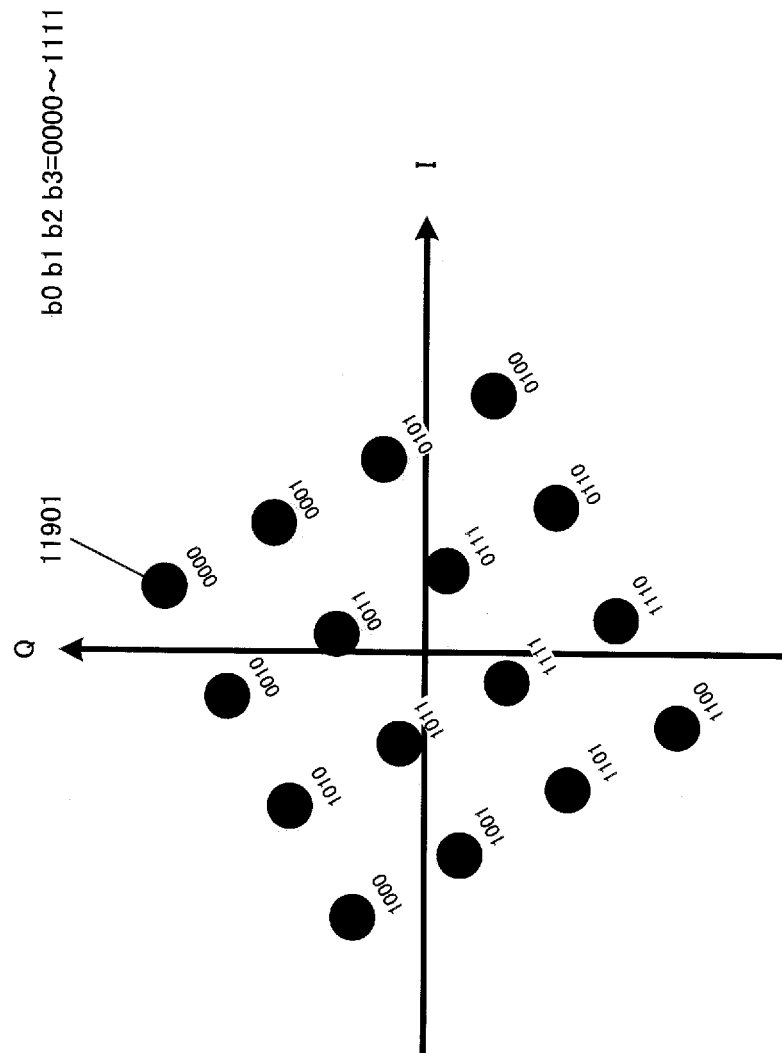
[図117]



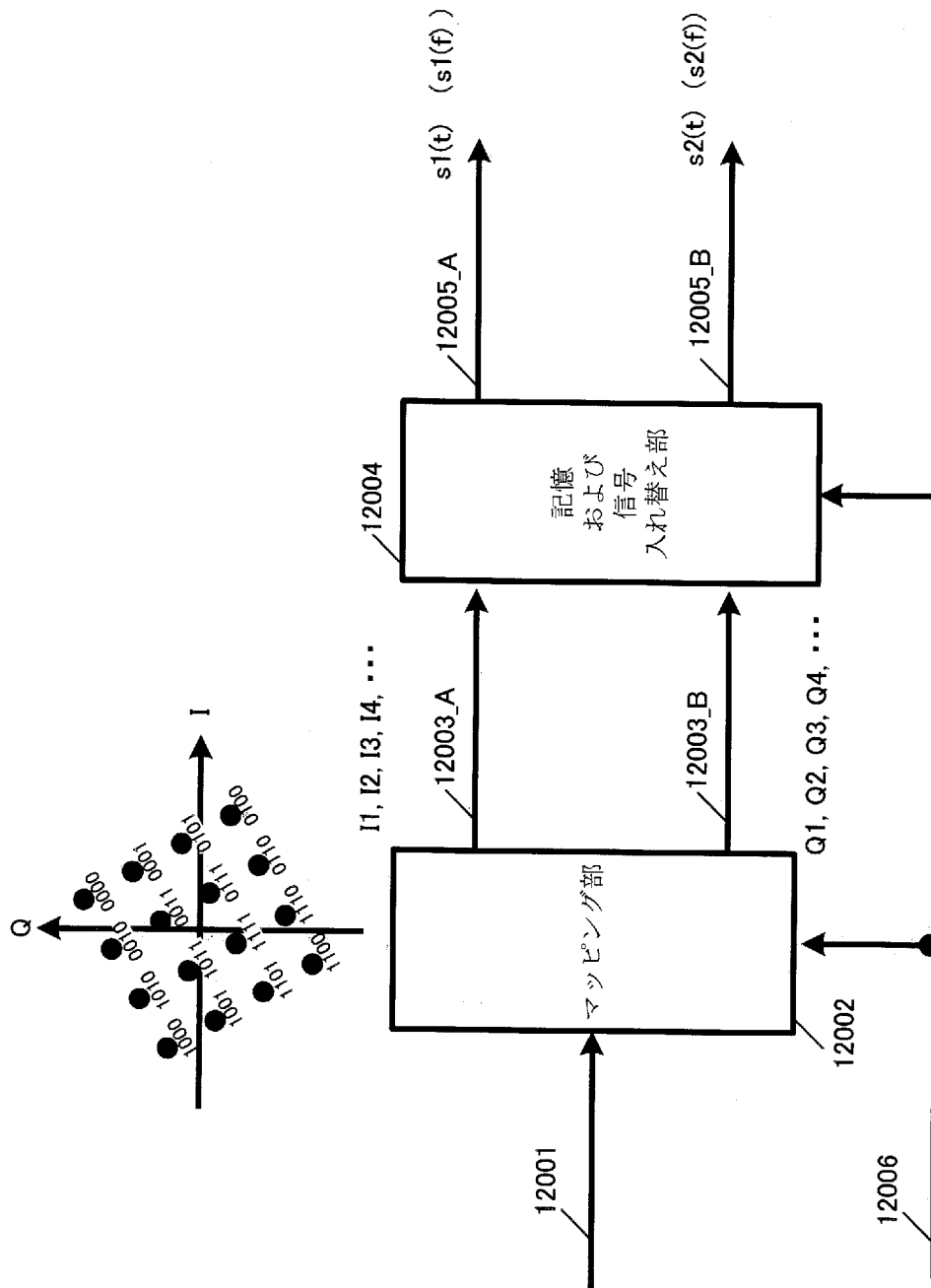
[図118]



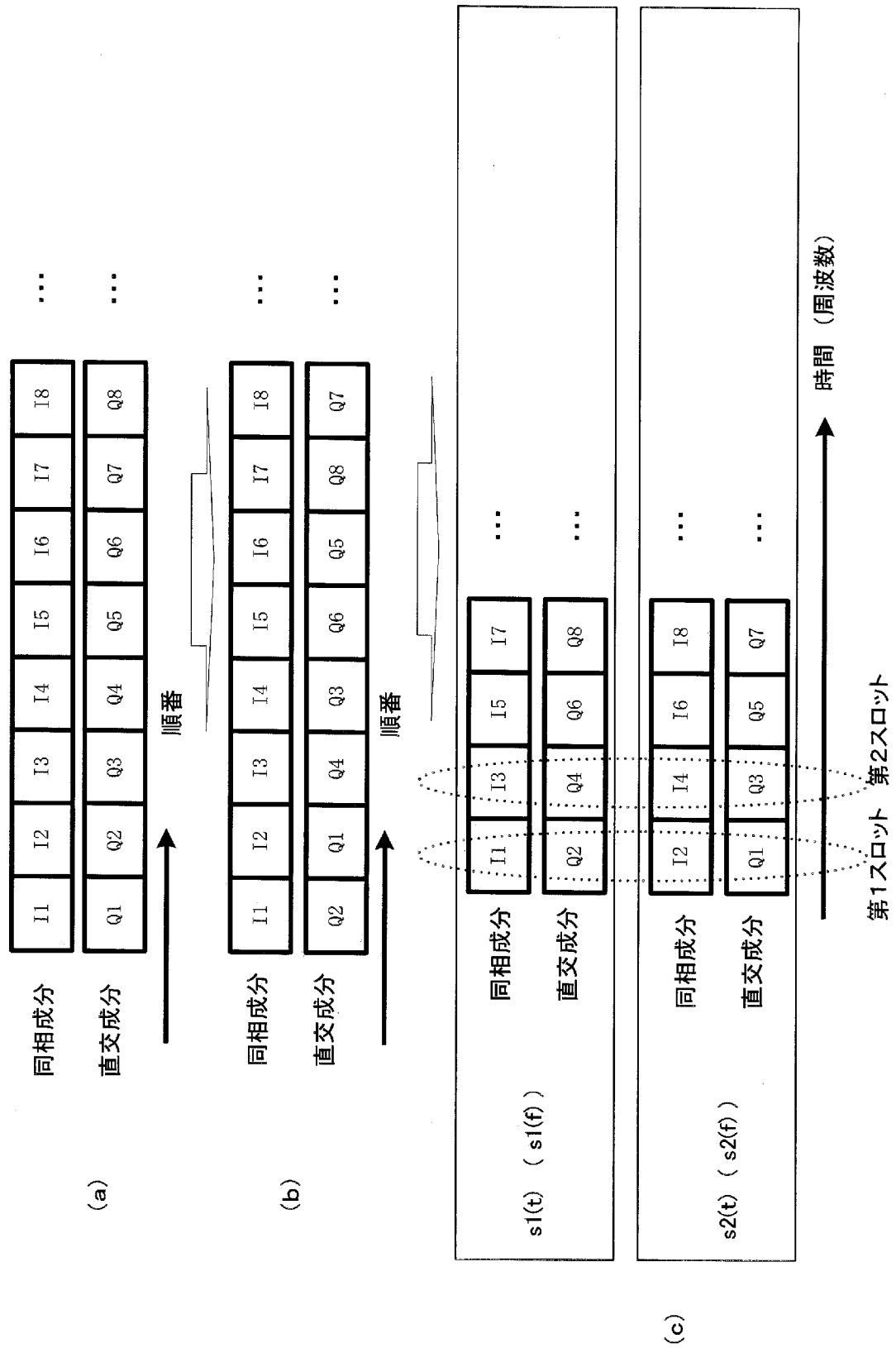
[図119]



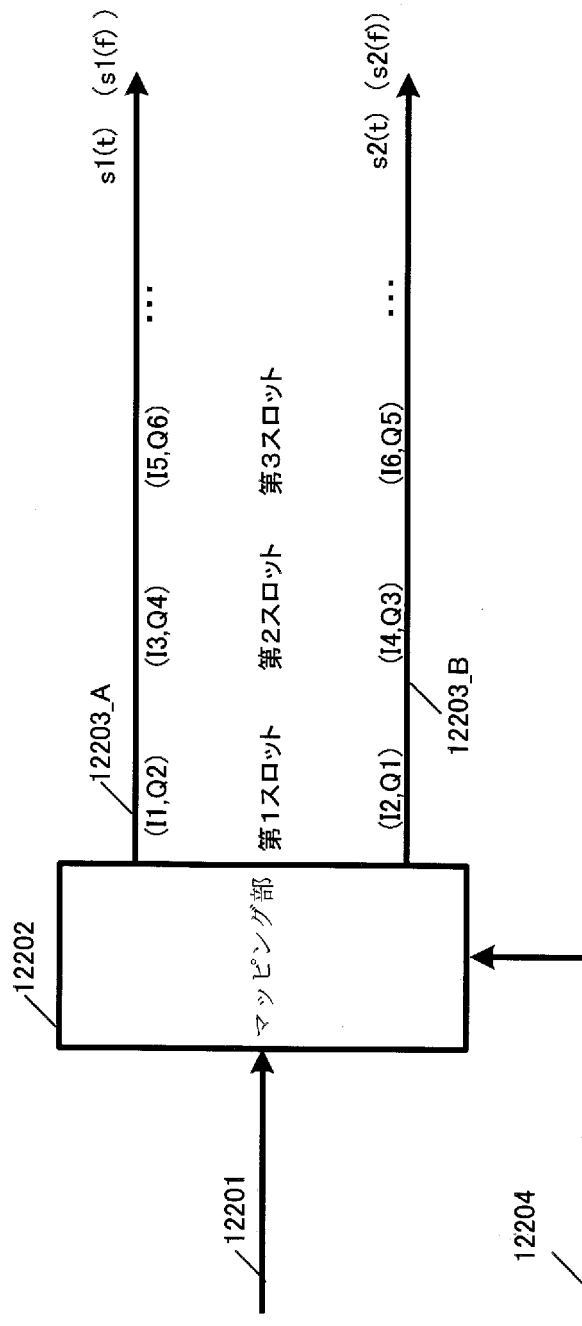
[図120]



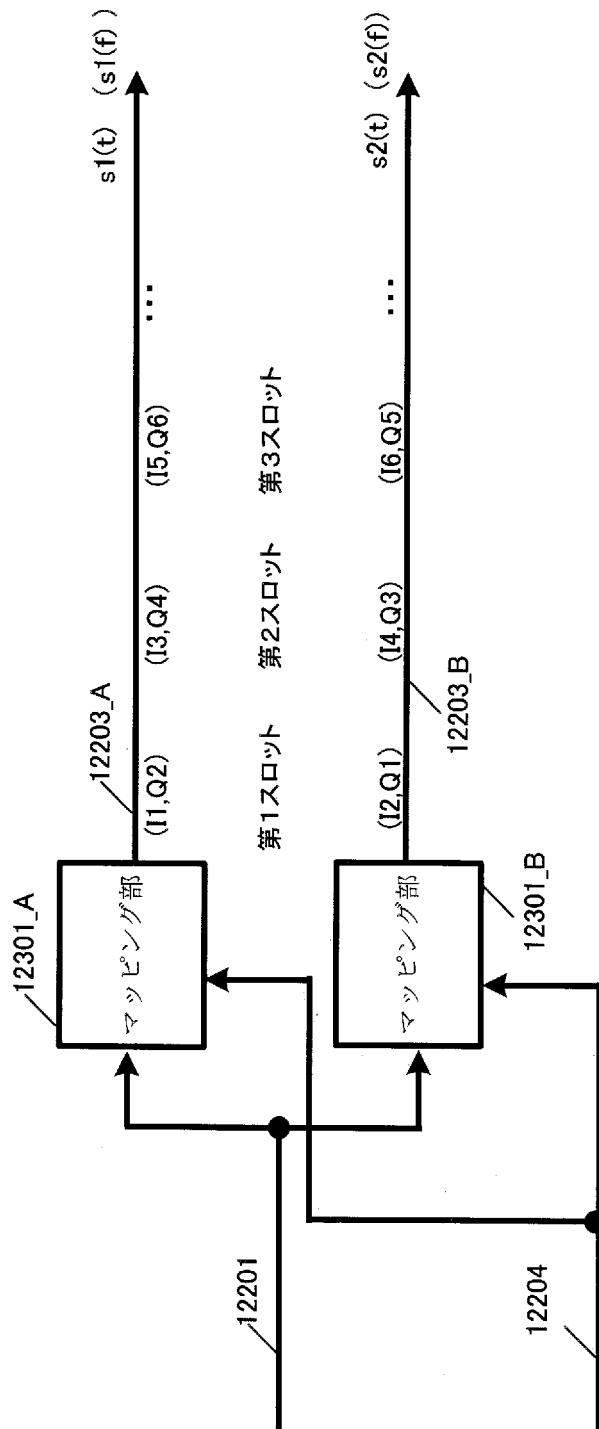
[図121]



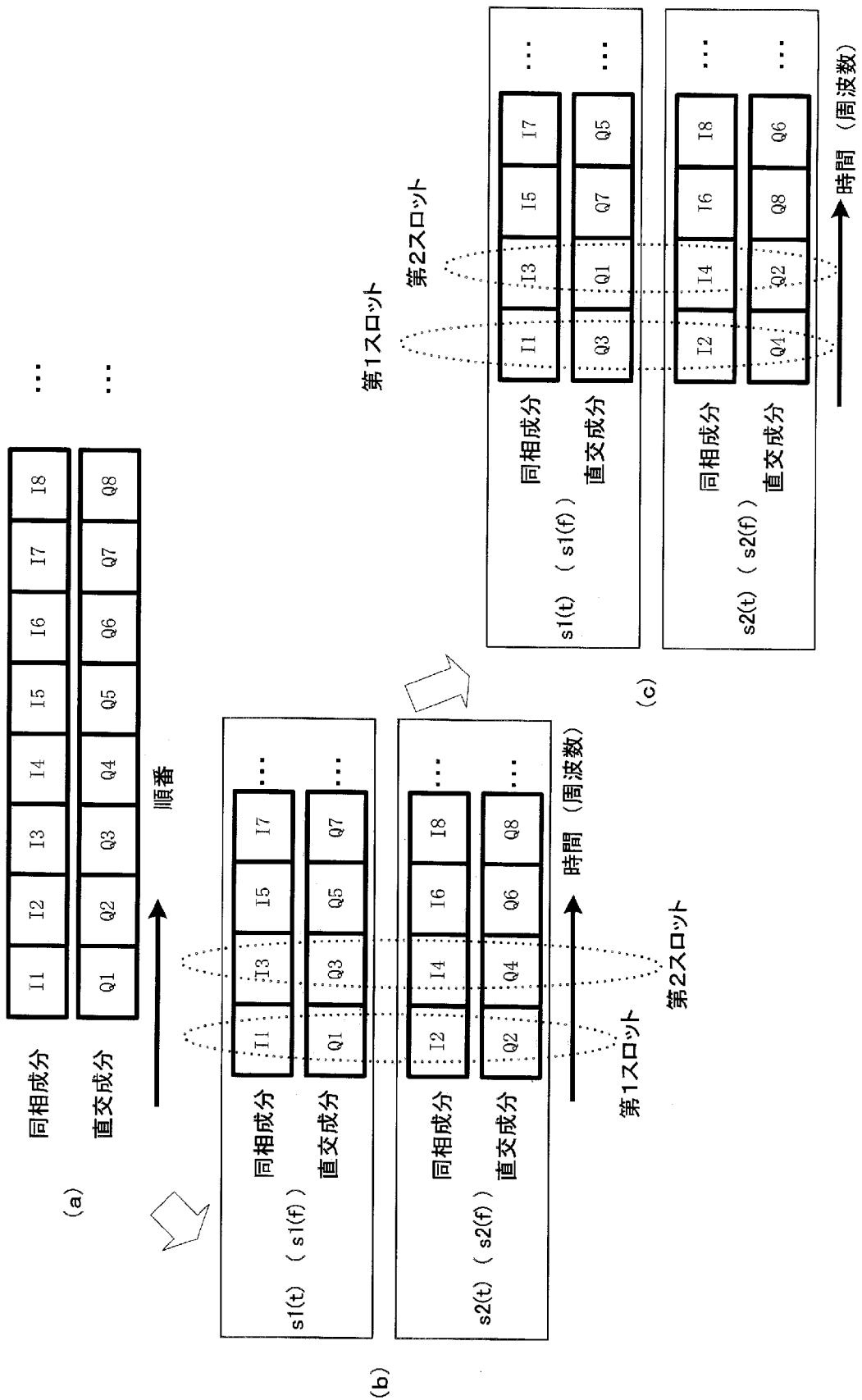
[図122]



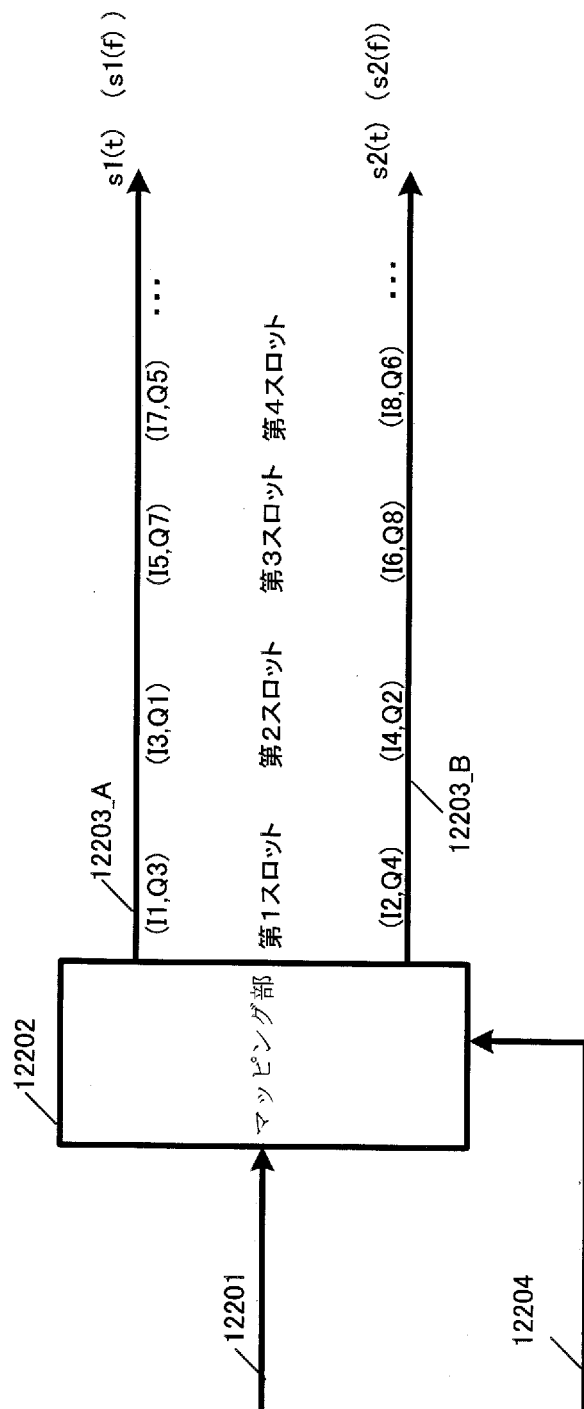
[図123]



[図124]



[図125]



[図126]

