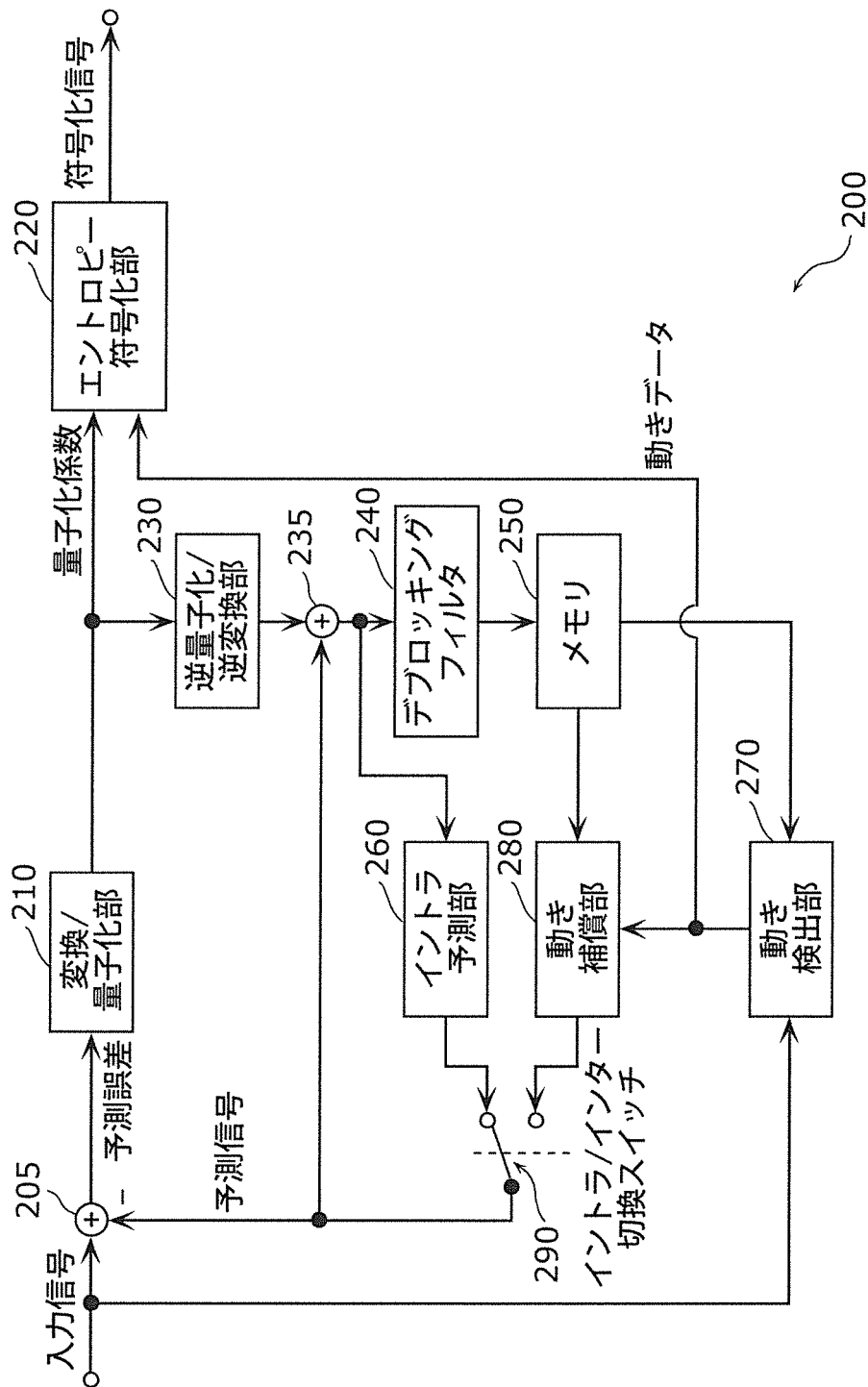
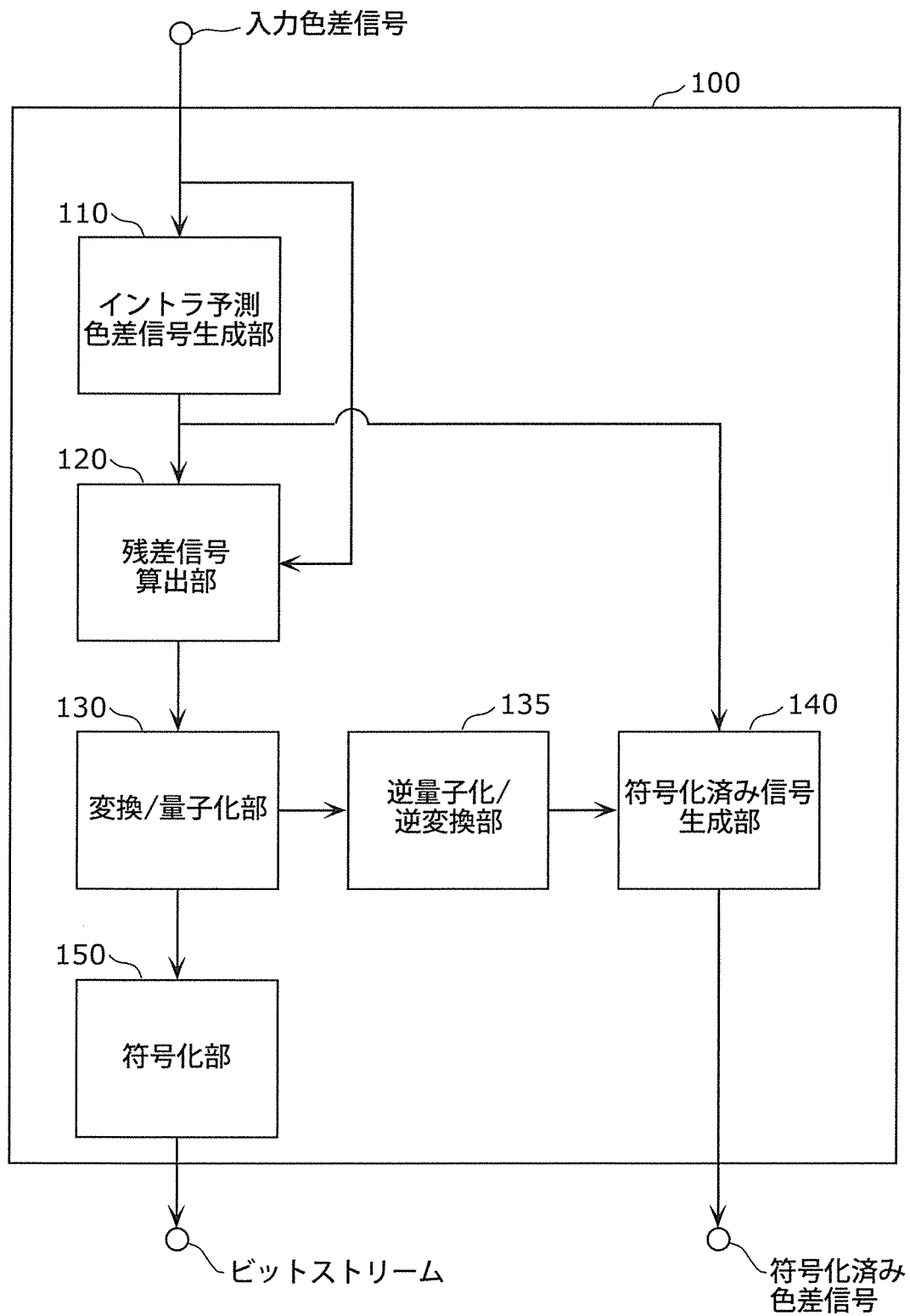


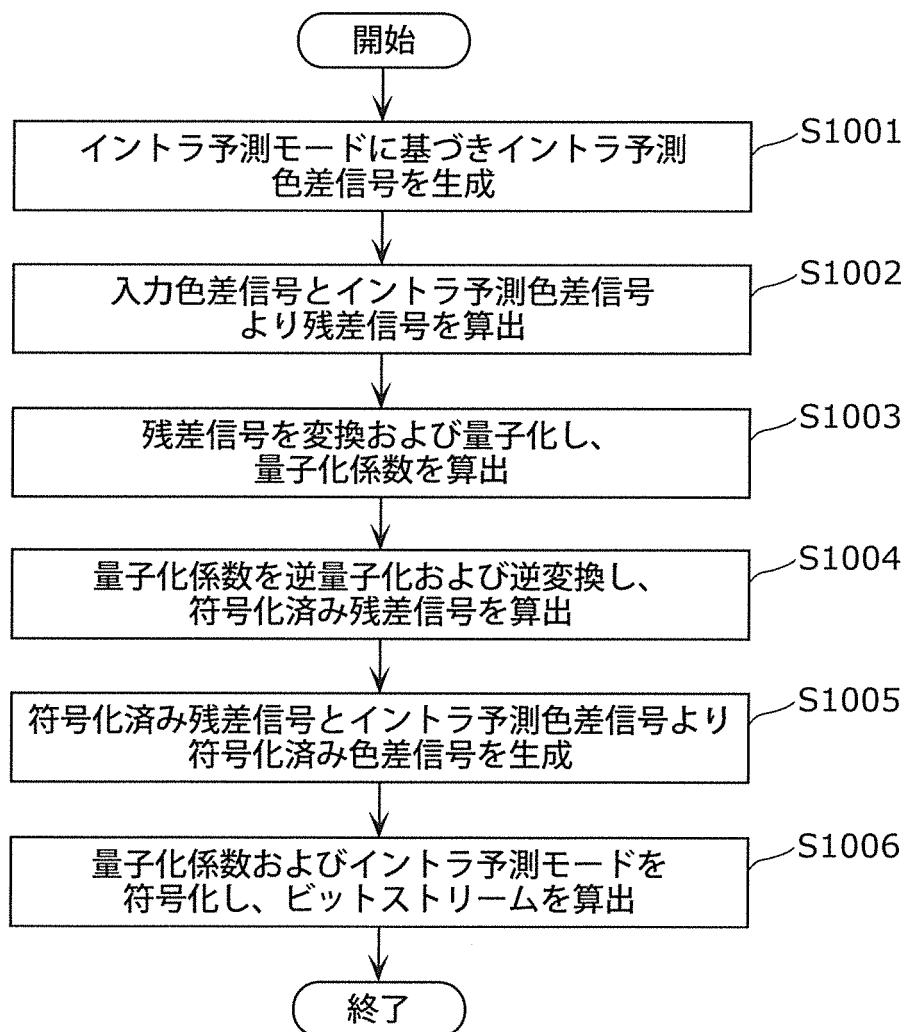
[図1]



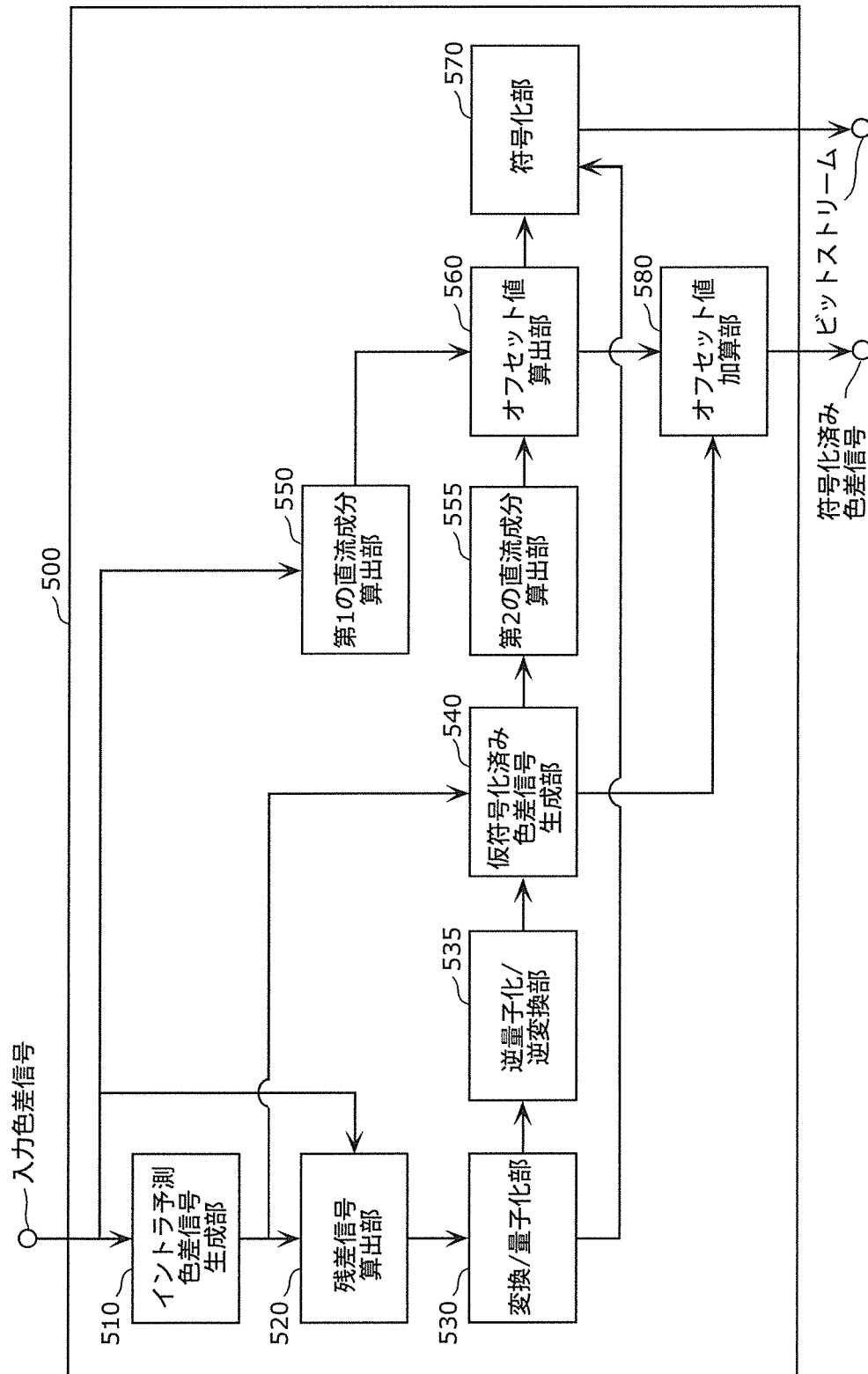
[図2]



[図3]



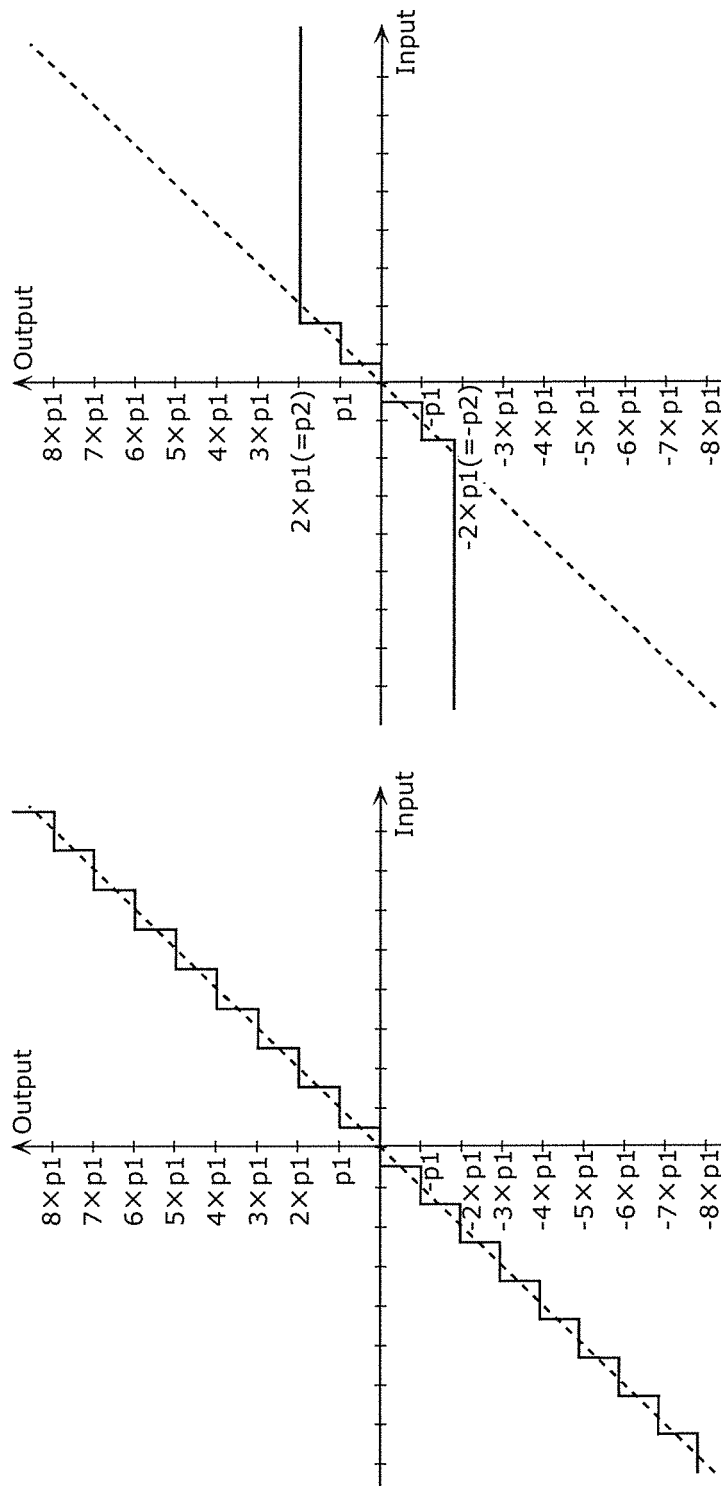
[図4]



[図5]



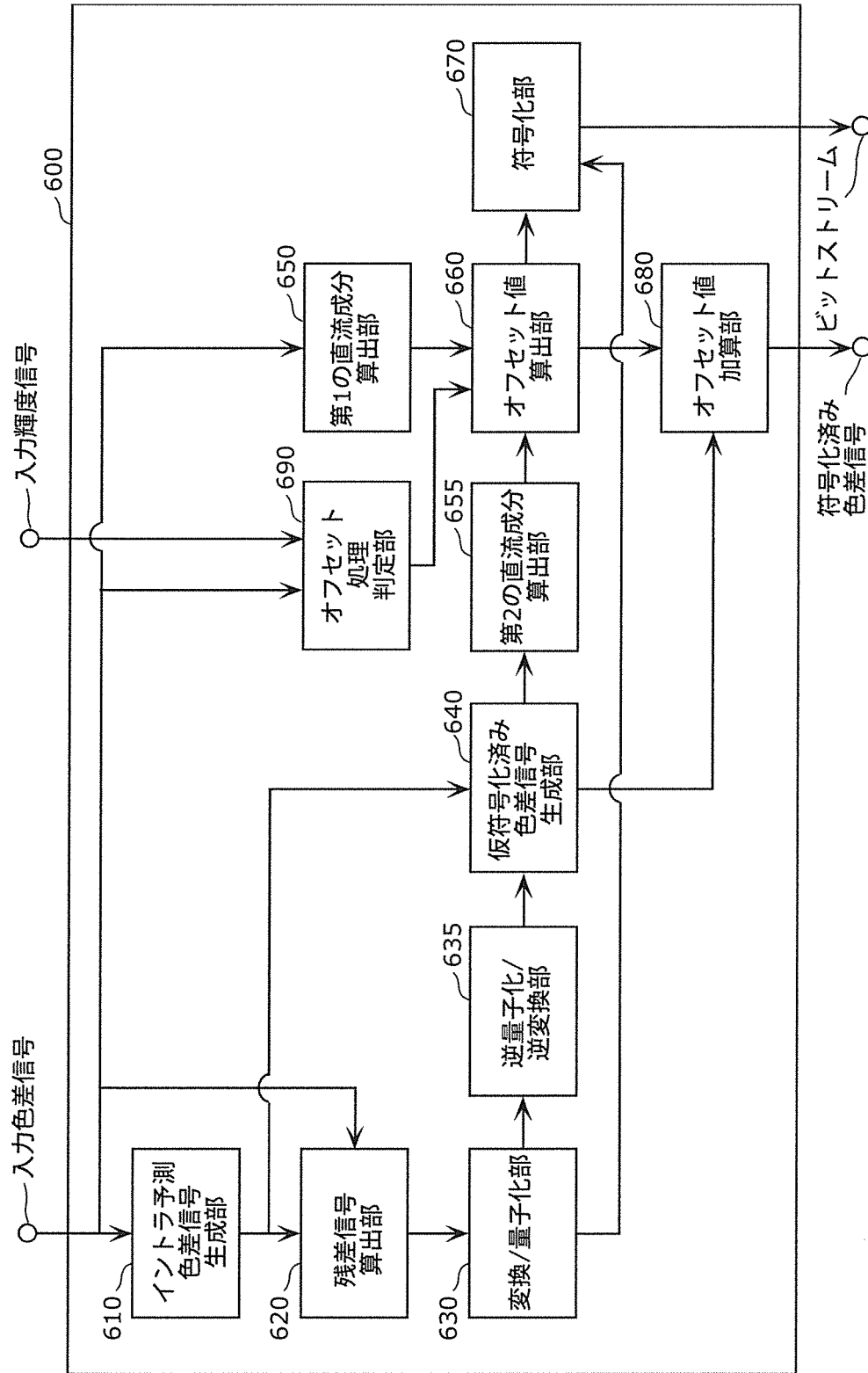
[図6]



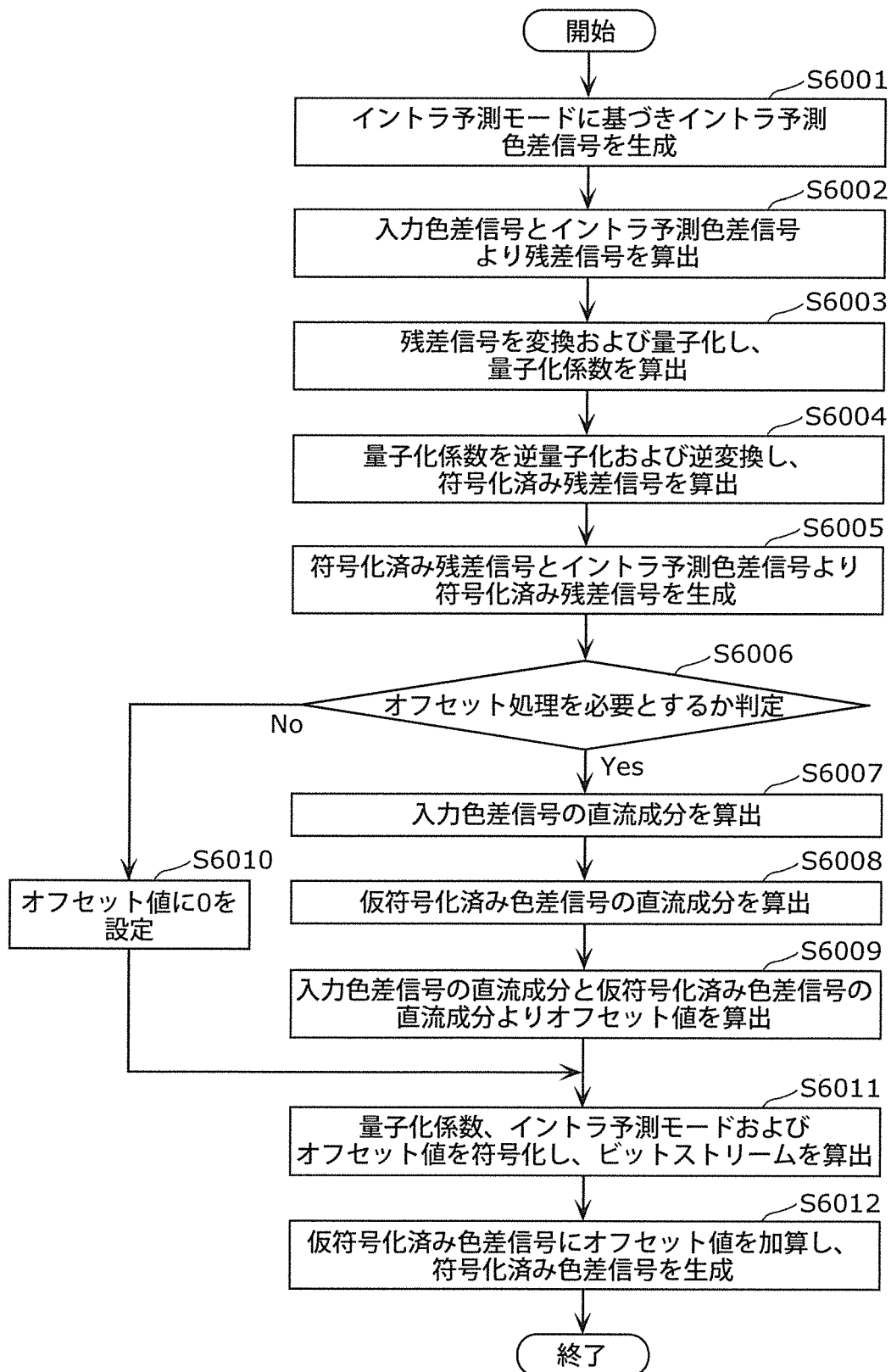
オフセット値の量子化およびクリッピング
 Output = Clip(Disc(Input))

オフセット値の量子化
 Output = Disc(Input)

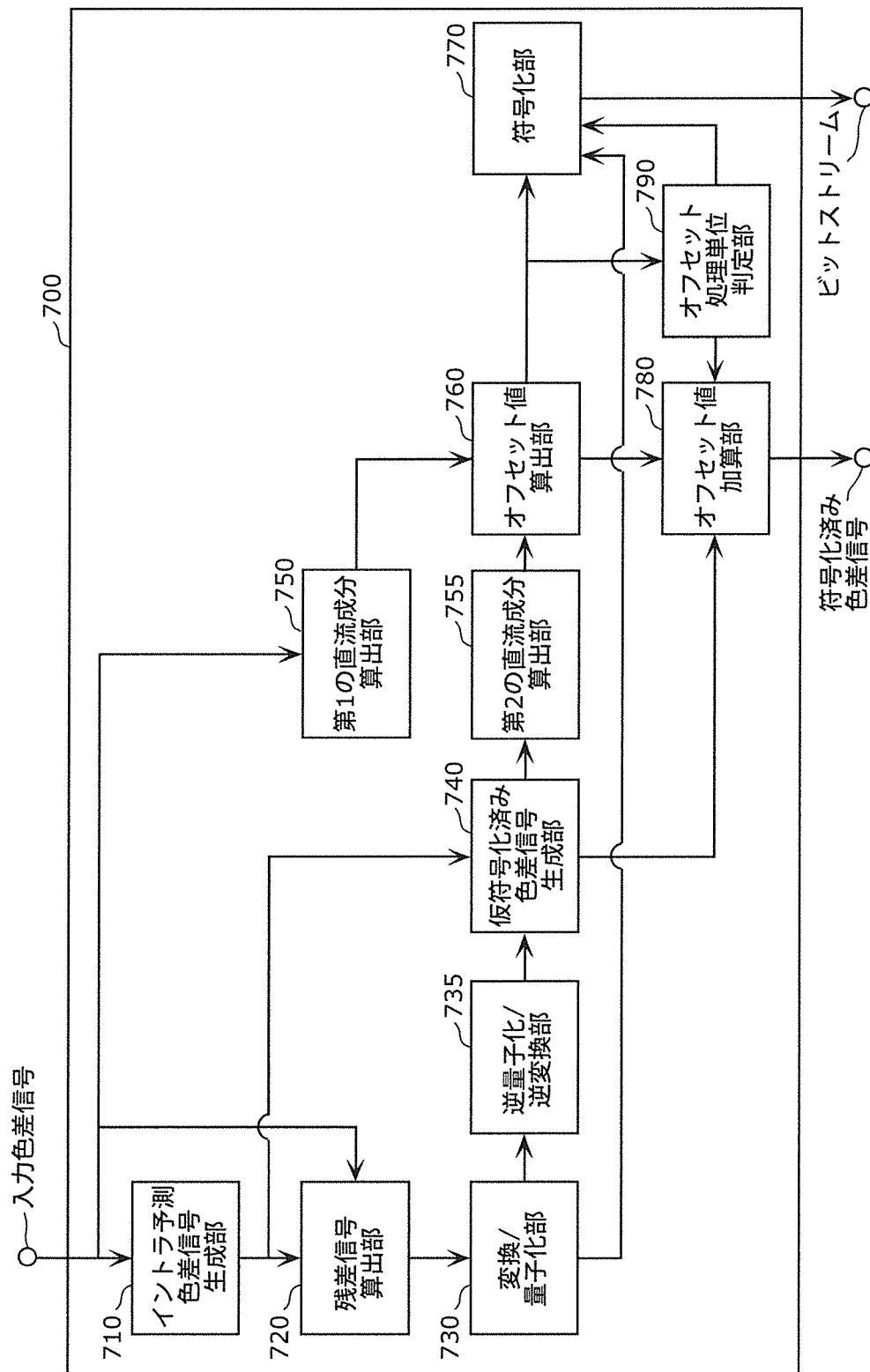
[図7]



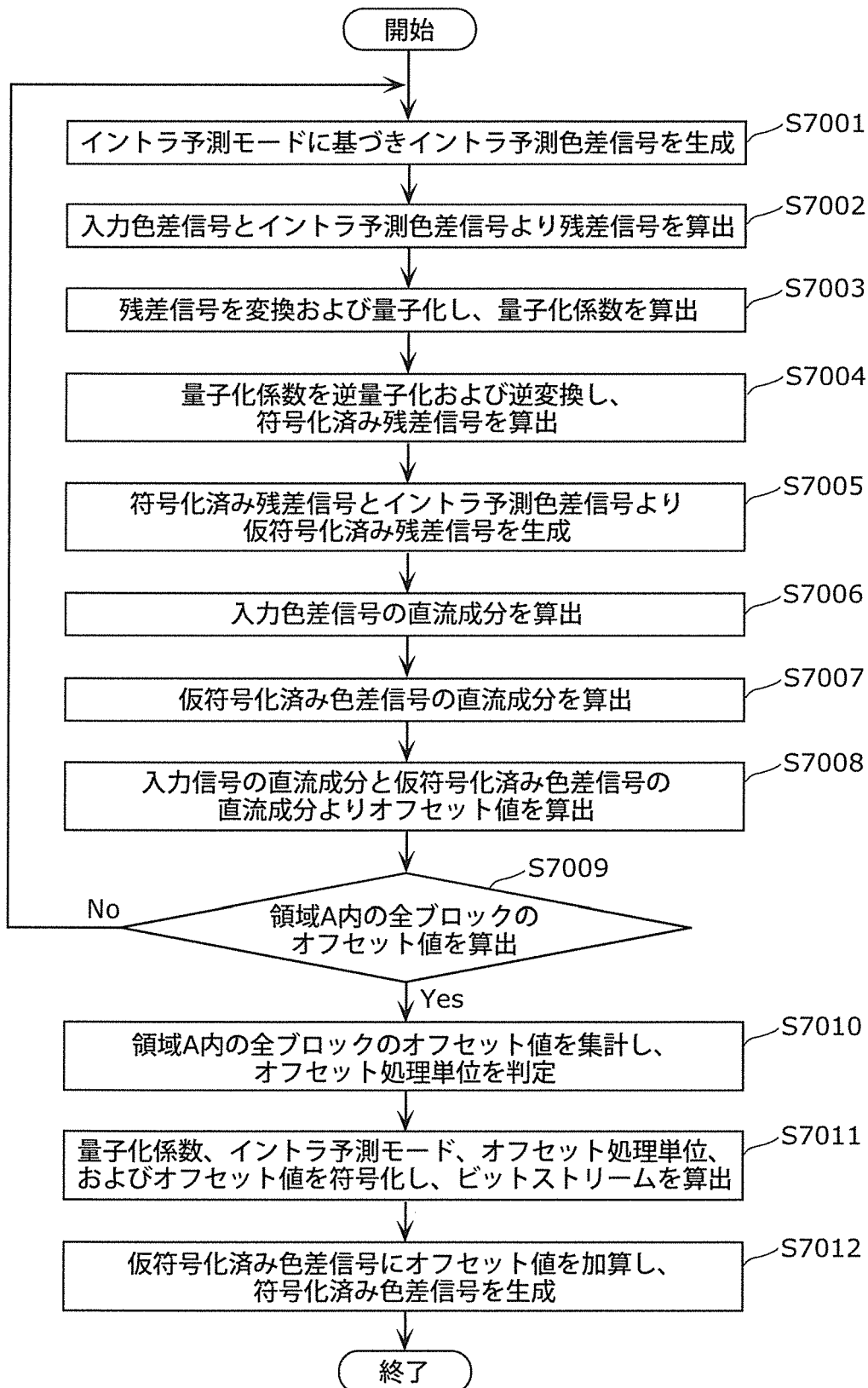
[図8]



[図9]

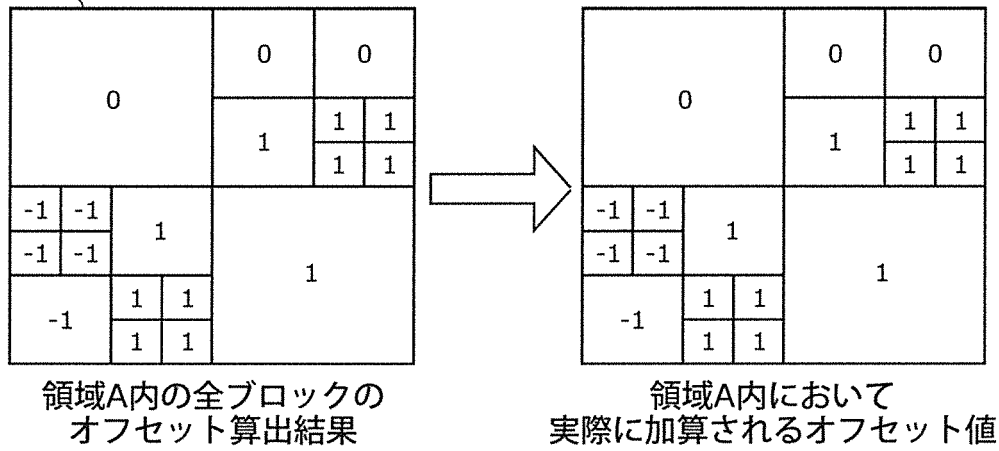


[図10]



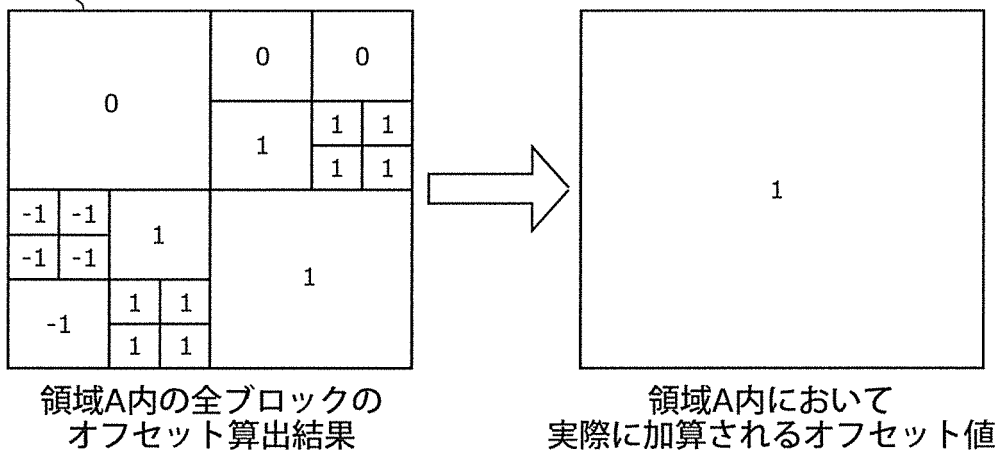
[図11A]

領域A

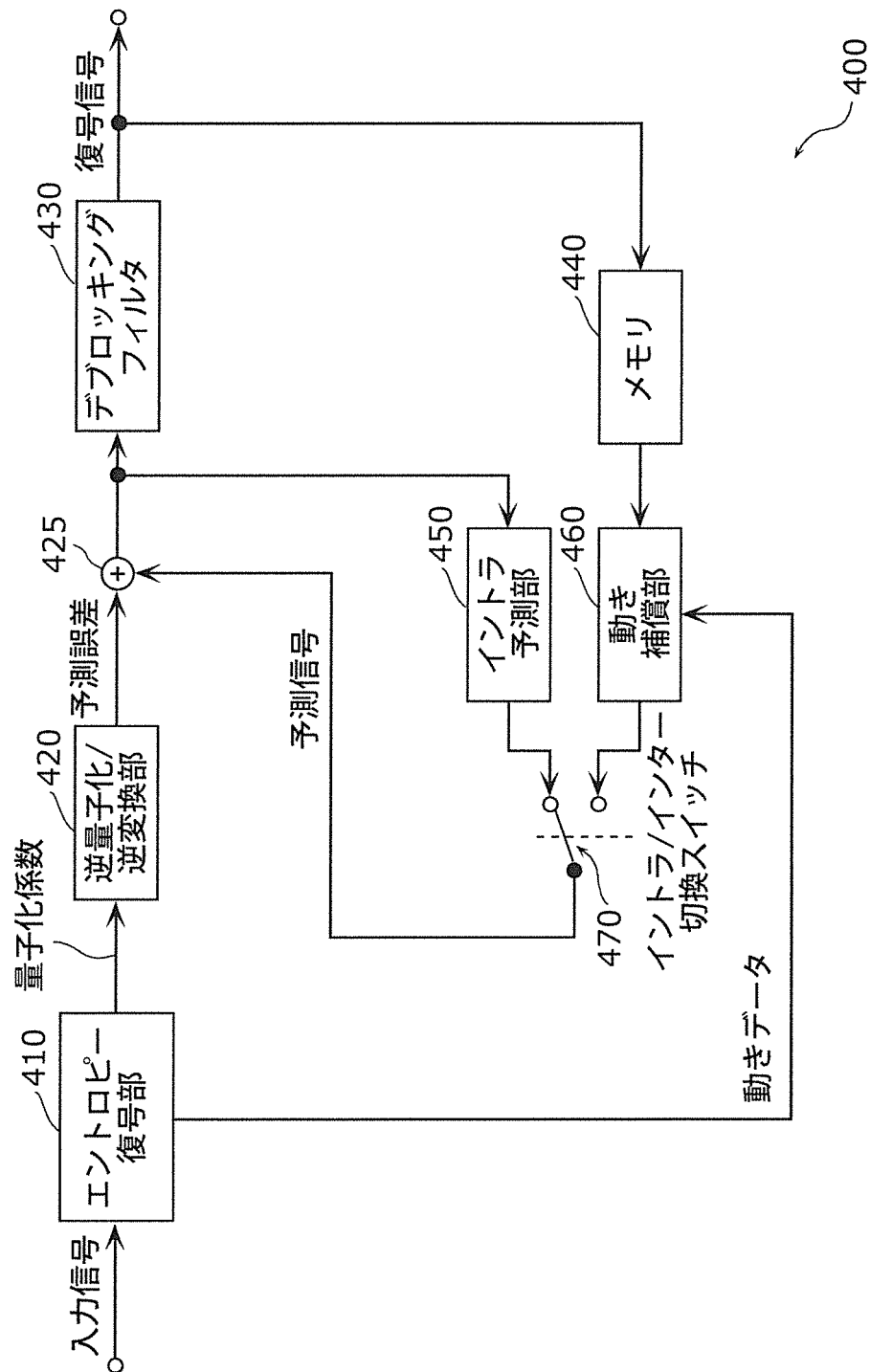


[図11B]

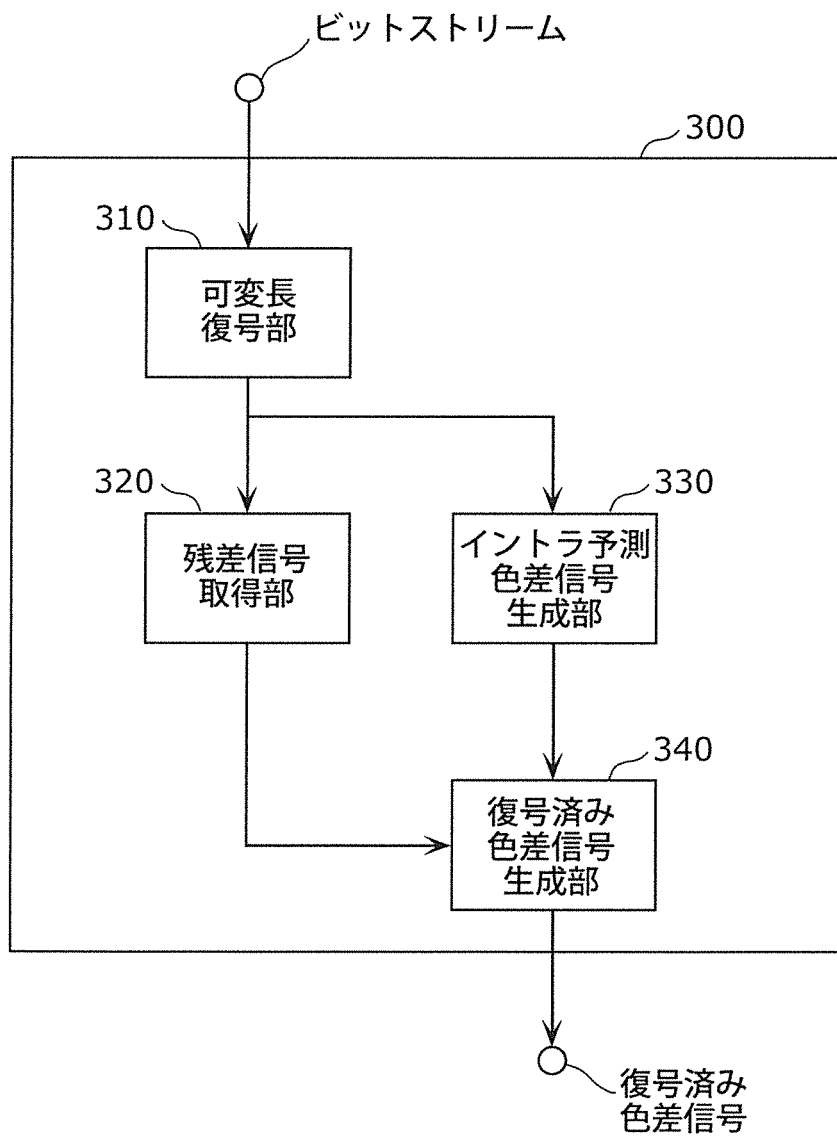
領域A



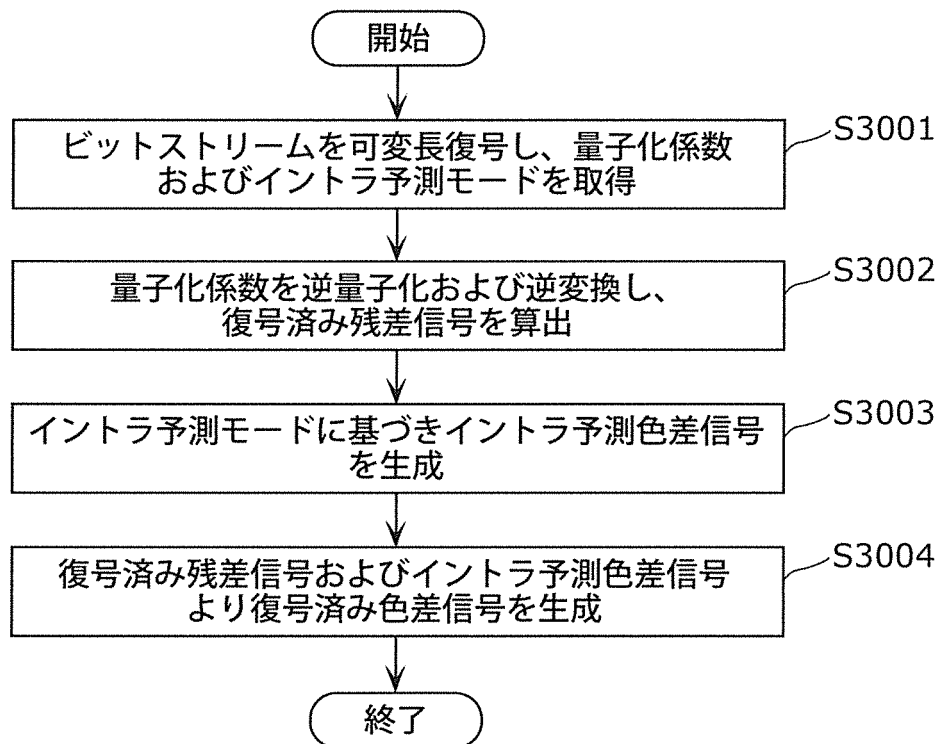
[図12]



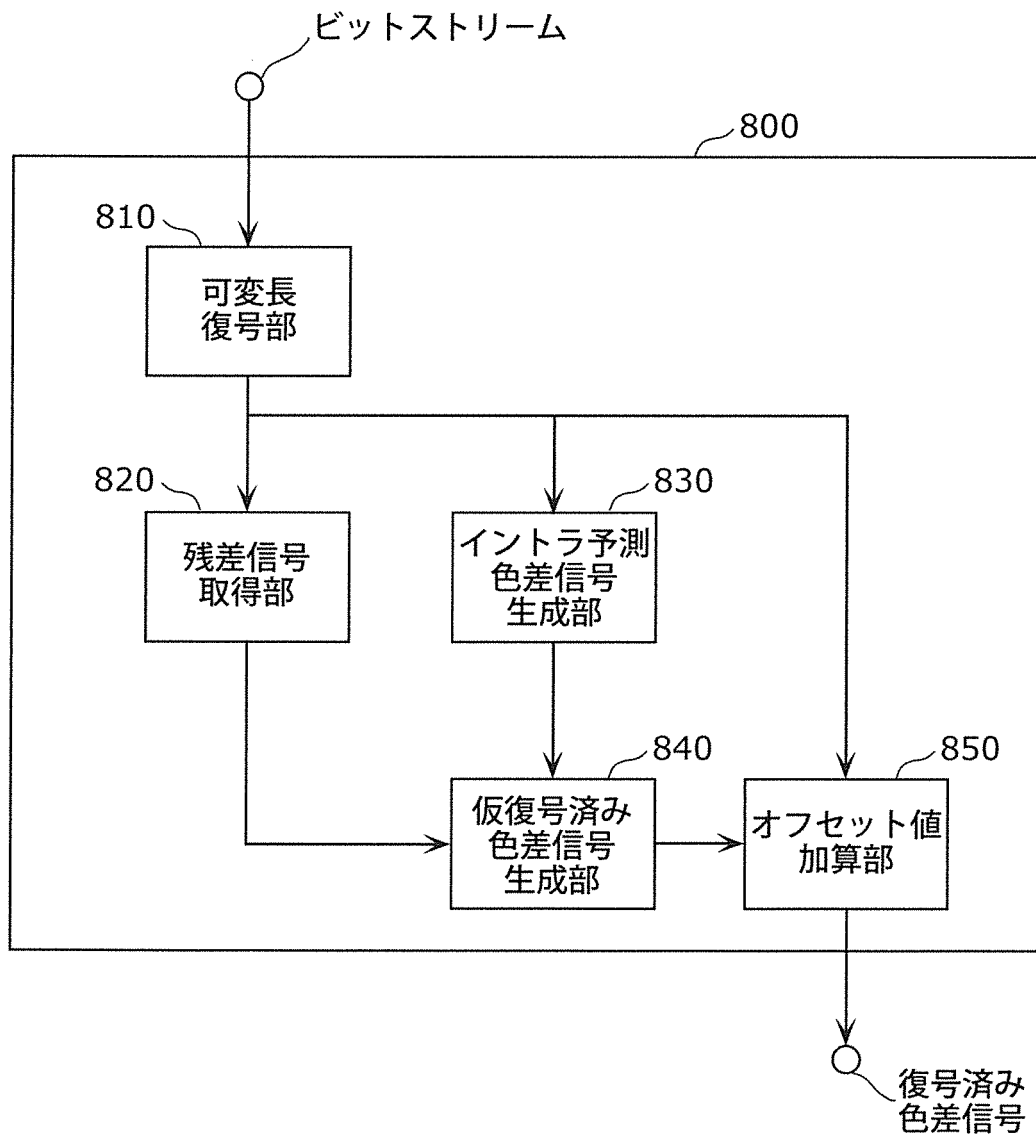
[図13]



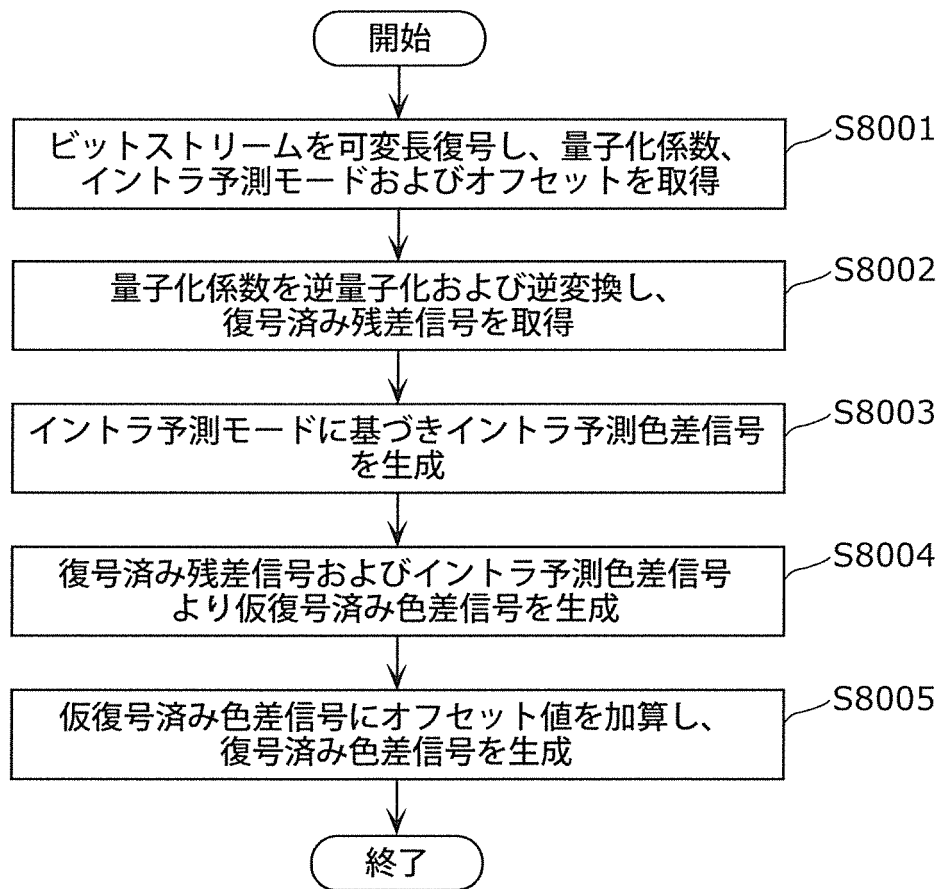
[図14]



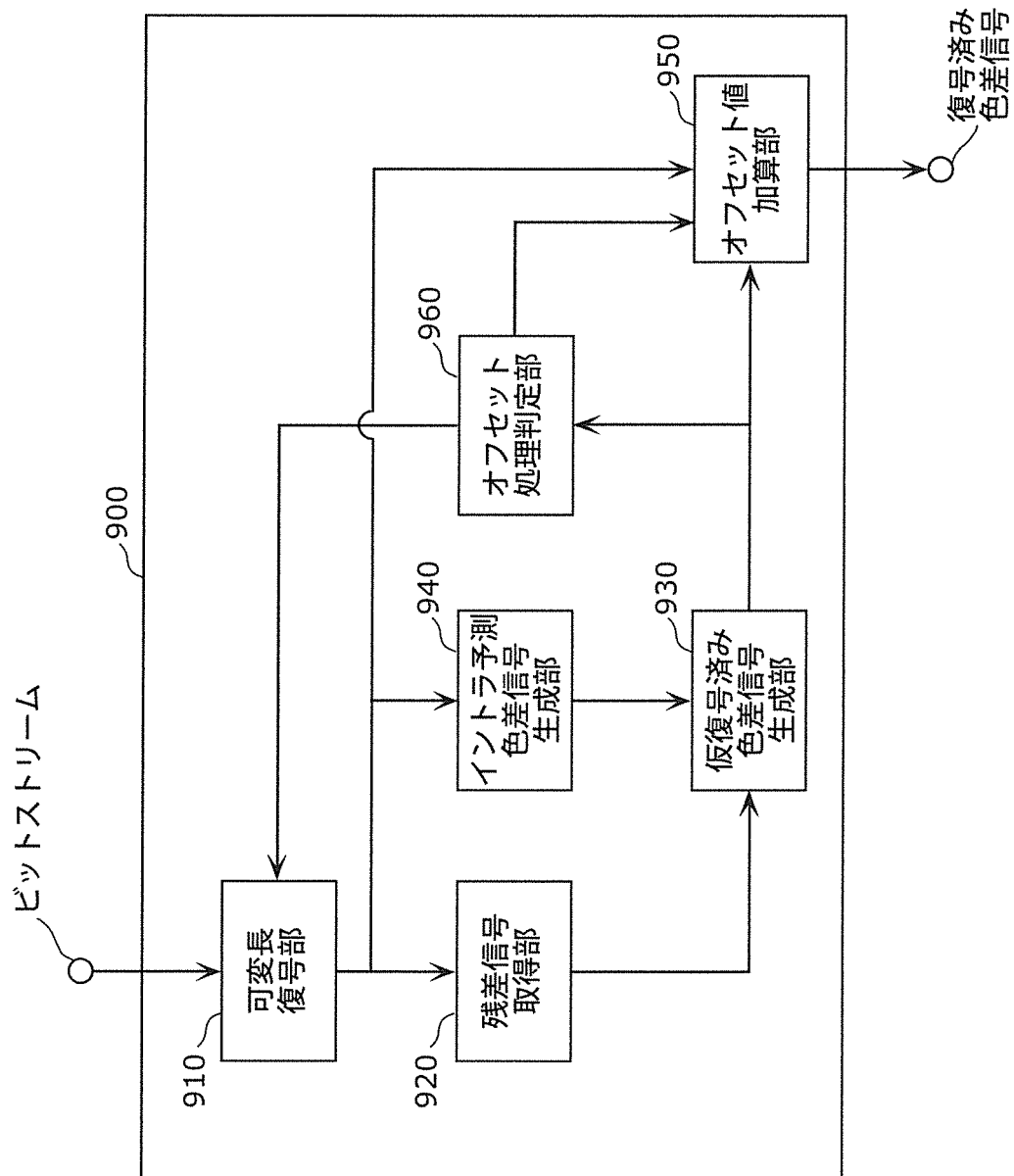
[図15]



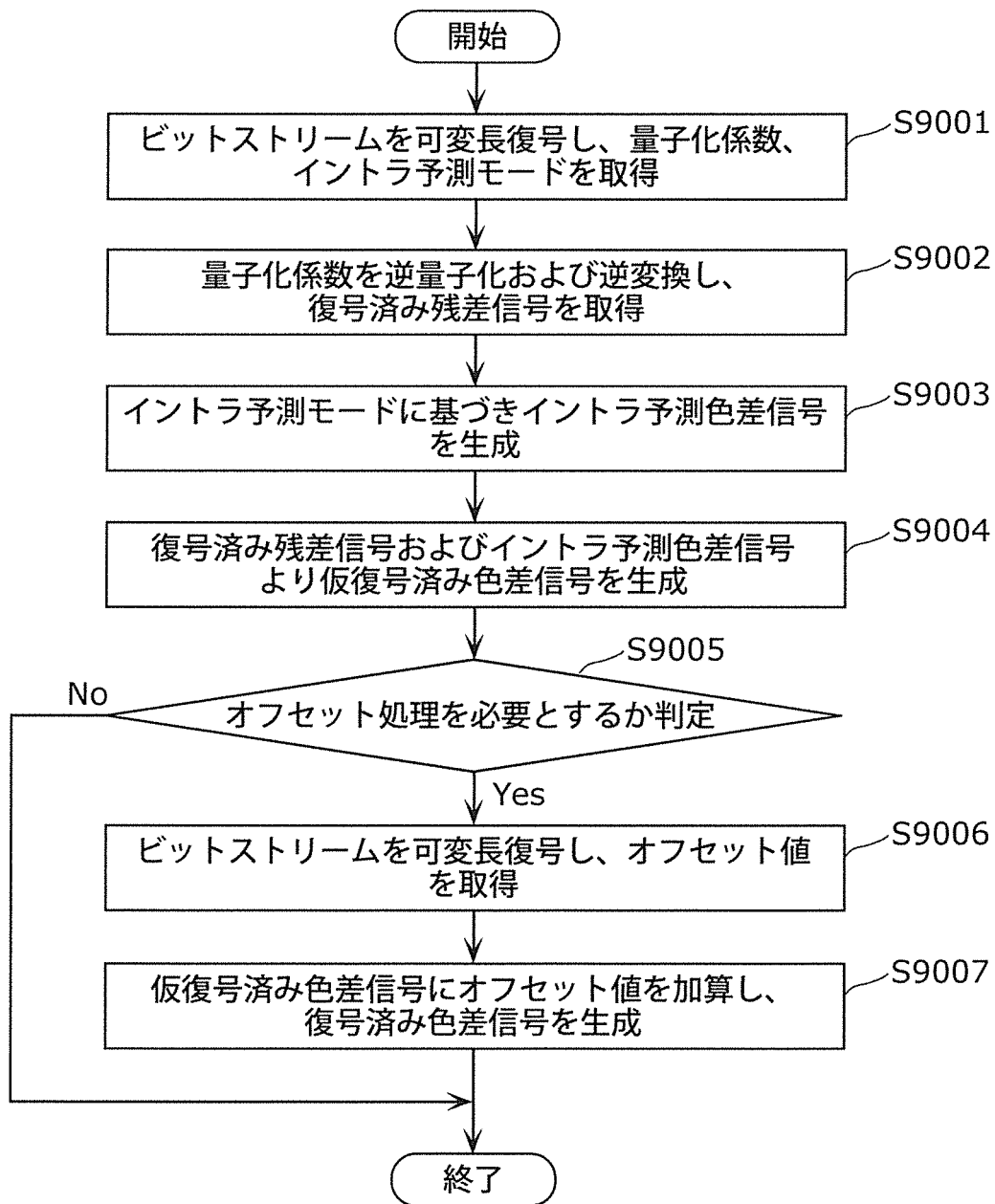
[図16]



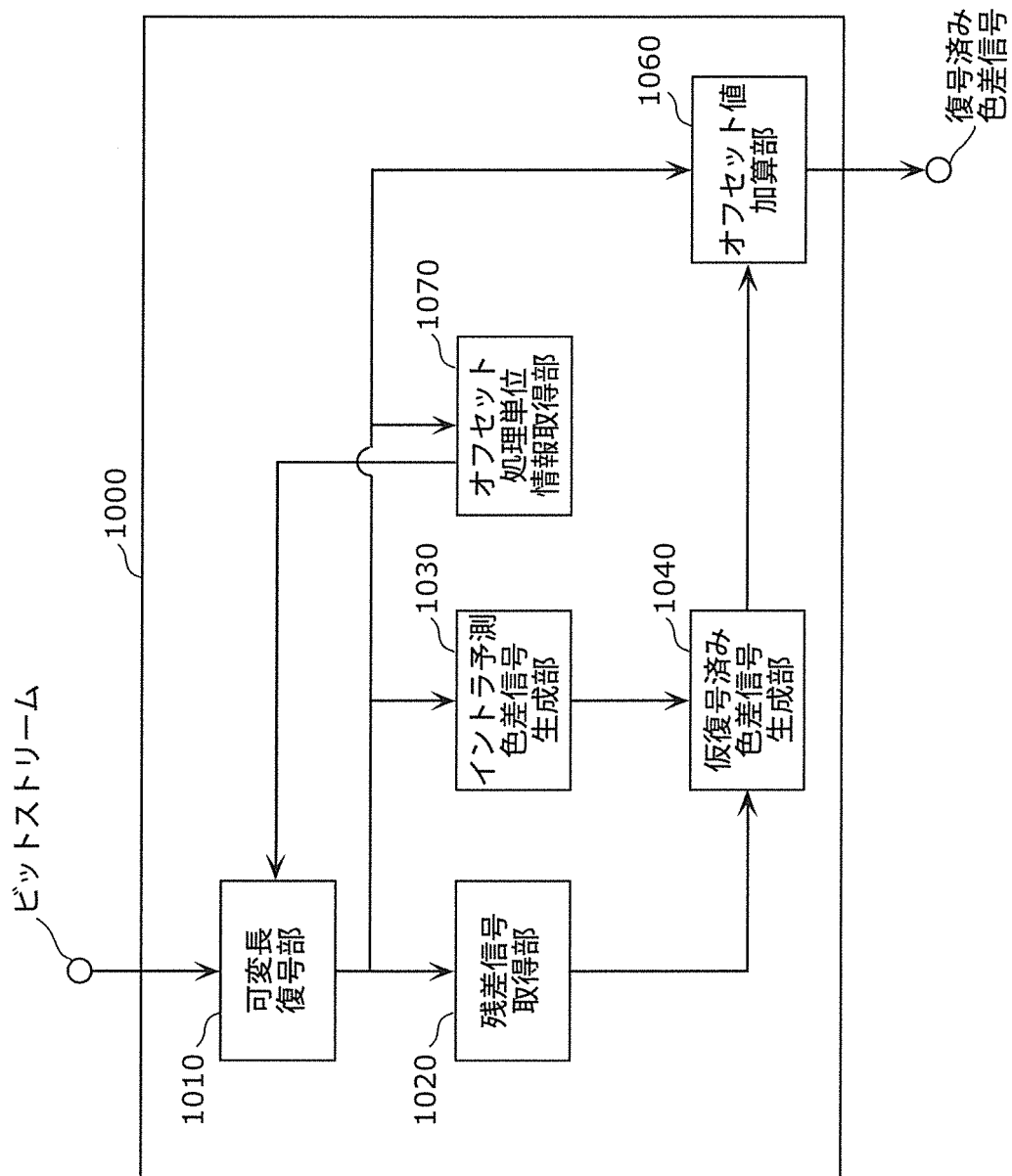
[図17]



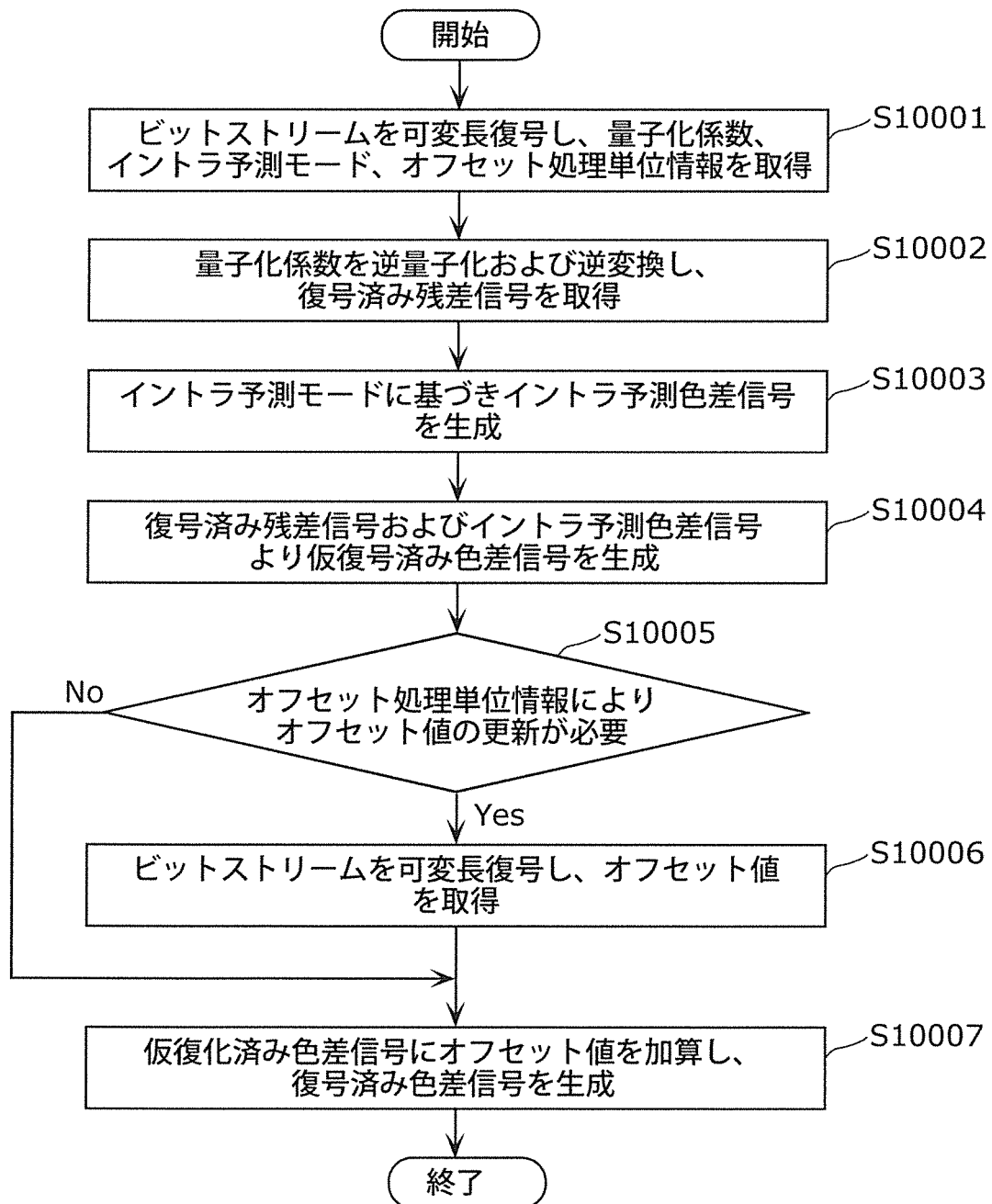
[図18]



[図19]



[図20]



[図21]

Uのオフセット値

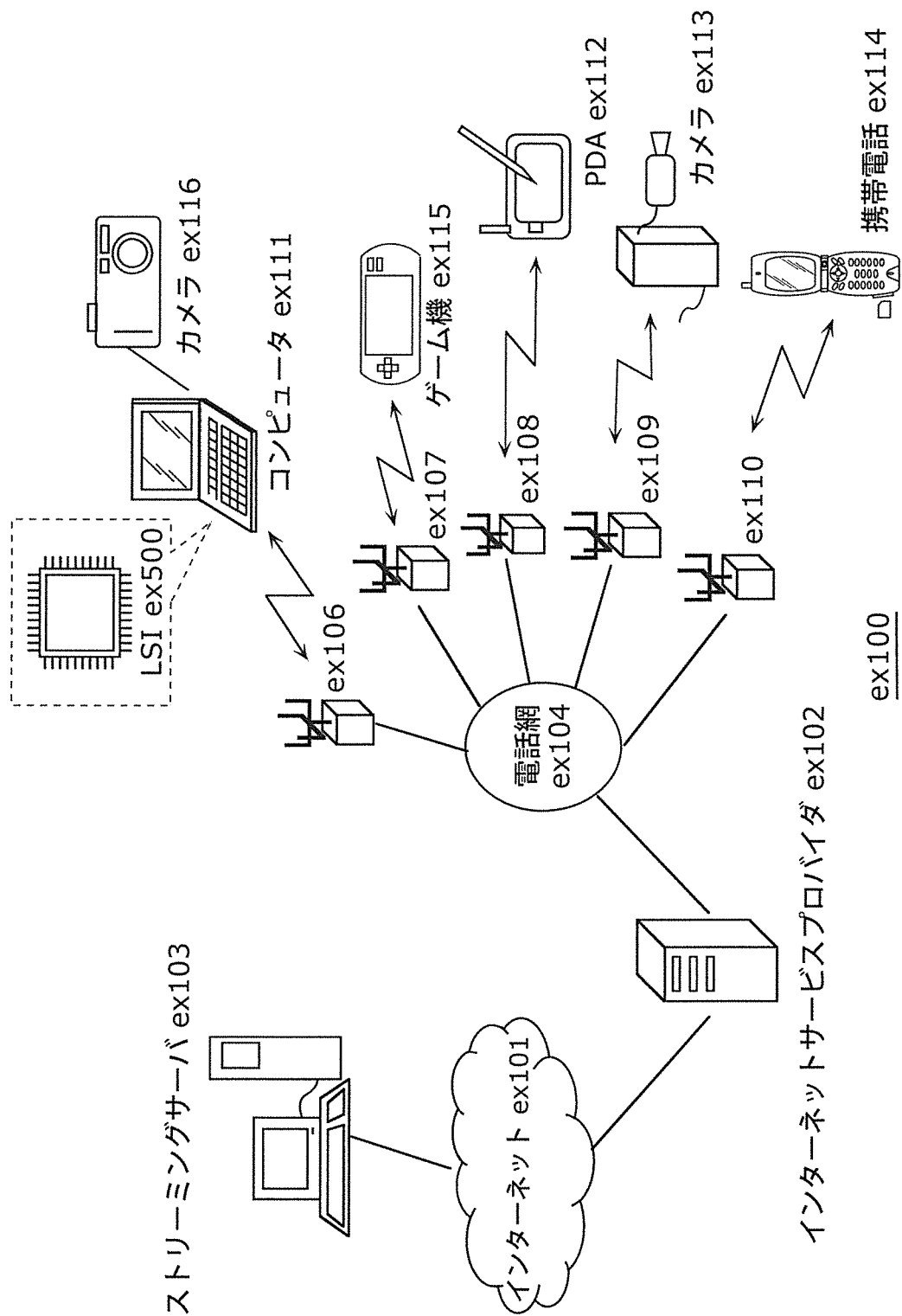
Vのオフセット値

prediction_unit(x0,y0, log2PUWidth, log2PUHeight, PartIdx . InferredMergeFlag) {	Descriptor
if(skip_flag[x0][y0]){	
if(NumMergeCand > 1)	
merge_idx[x0][y0]	ue(v) ae(v)
} else if(PreMode == MODE_INTRA){	
prev_intra_luma_pred_flag[x0][y0]	u(1) ae(v)
if(prev_intra_luma_pred_flag[x0][y0])	
if(NumMPMCand > 1)	
mpm_idx[x0][y0]	u(1) ae(v)
else	
rem_intra_luma_pred_mode[x0][y0]	ce(v) ae(v)
intra_chroma_pred_mode[x0][y0]	ue(v) ae(v)
intra_chroma_ofst[0]	
intra_chroma_ofst[1]	
} else { /* MODE_INTER */	
if(!InferredMergeFlag)	
if(entropy_coding_mode_flag PartMode !=PART_2Nx2N)	
merge_flag[x0][y0]	u(1) ae(v)
if(merge_flag[x0][y0] && NumMergeCand > 1){	
merge_idx[x0][y0]	ue(v) ae(v)
} else {	
if(slice_type == B)	
inter_pred_flag[x0][y0]	ue(v) ae(v)
if(inter_pred_flag[x0][y0] == Pred_LC){	
if(num_ref_idx_lc_active_minus1 > 0)	
ref_idx_lc[x0][y0]	ue(v) ae(v)
mvd_lc[x0][y0][0]	se(v) ae(v)
mvd_lc[x0][y0][1]	se(v) ae(v)
if(NumMVPCand(LcToLx) > 1)	
mvp_idx_lc[x0][y0]	ue(v) ae(v)
}	
else { /* Prsd_L0 or Pred_BI */	
if(num_ref_idx_l0_active_minus 1 > 0)	
ref_idx_l0[x0][y0]	ue(v) ae(v)
mvd_l0[x0][y0][0]	se(v) ae(v)
mvd_l0[x0][y0][1]	se(v) ae(v)
if(NumMVPCand(L0) > 1)	
mvp_idx_l0[x0][y0]	ue(v) ae(v)
}	
if(inter_pred_flag[x0][y0] == Pred_BI){	
if(num_ref_idx_l1_active_minus 1 > 0)	
ref_idx_l1[x0][y0]	ue(v) ae(v)
mvd_l1[x0][y0][0]	se(v) ae(v)
mvd_l1[x0][y0][1]	se(v) ae(v)
if(NumMVPCand(L1) > 1)	
mvp_idx_l1[x0][y0]	ue(v) ae(v)
}	
}	
}	
}	

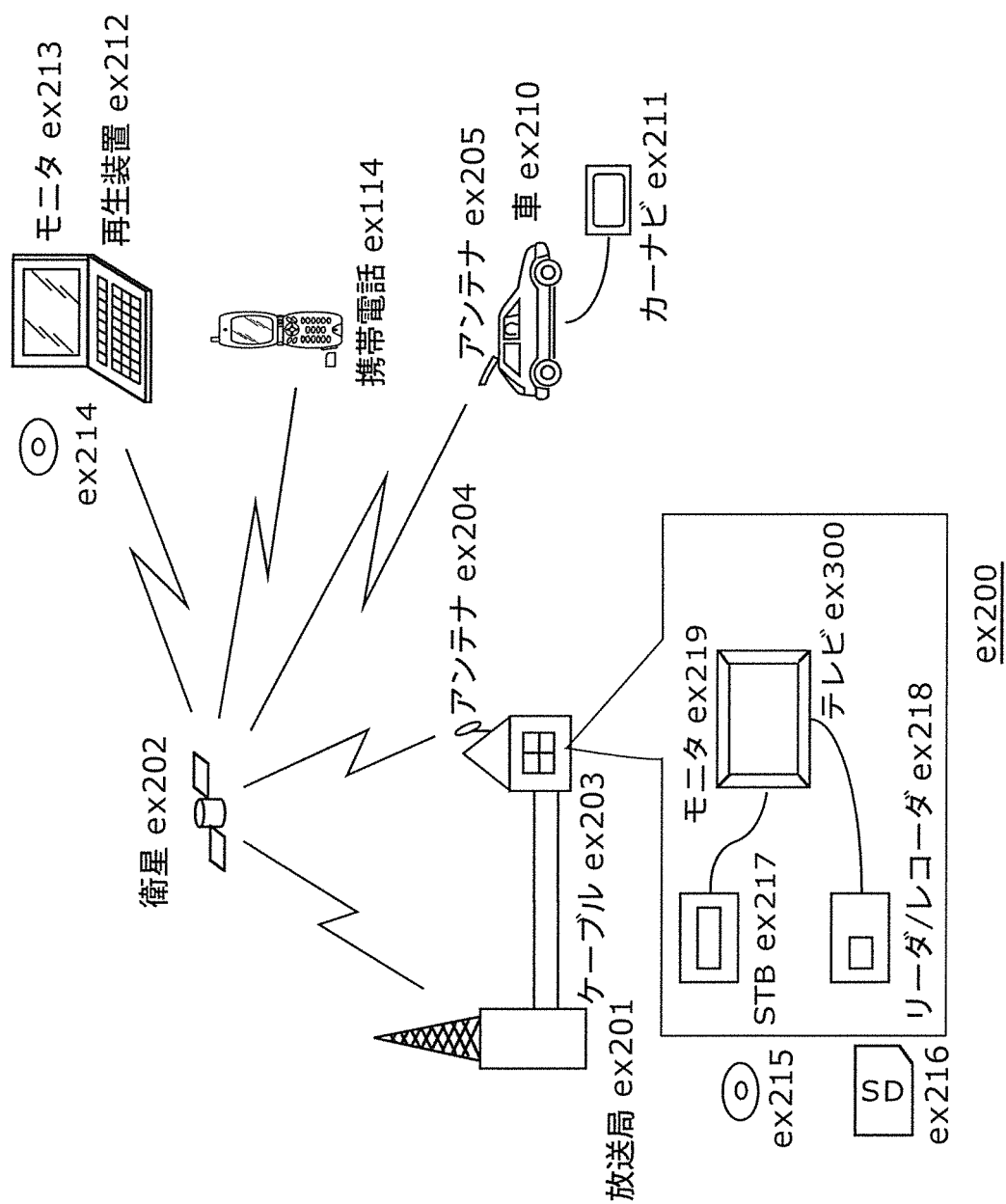
[図22]

	slice_data(){	Descriptor
	CurrTbAddr = first_tb_in_slice	
	moreDataFlag = 1	
	if(adaptive_loop_filter_flag && alf_cu_control_flag)	
	AlfCuFlagIdx = -1	
	do {	
	xCU = HorLumaLocation(CurrTbAddr)	
Uのオフセット値	yCU = VerLumaLocation(CurrTbAddr)	
	if(Slice_type==I){	
Vのオフセット値	intra_chroma_ofst[0]	
	intra_chroma_ofst[1]	
	}	
	coding_tree(xCU, yCU, Log2TbSize)	
	if(lentropy_coding_mode_flag)	
	moreDataFlag = more_rbsp_data()	
	else {	
	end_of_slice_flag	ae(v)
	moreDataFlag = lend_of_slice_flag	
	}	
	CurrTbAddr = NextTbAddress(CurrTbAddr)	
	} while(moreDataFlag)	
	}	

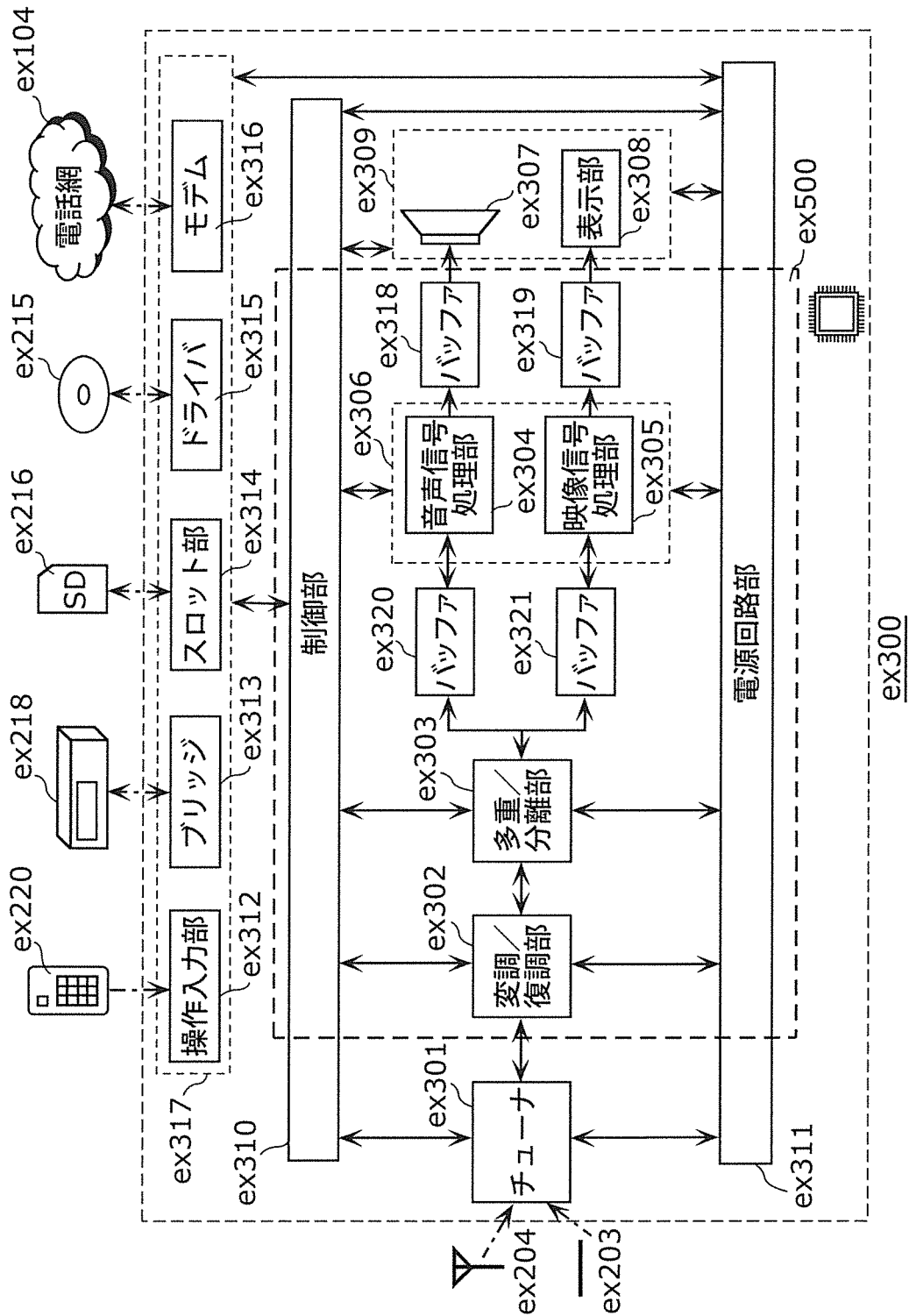
[図23]



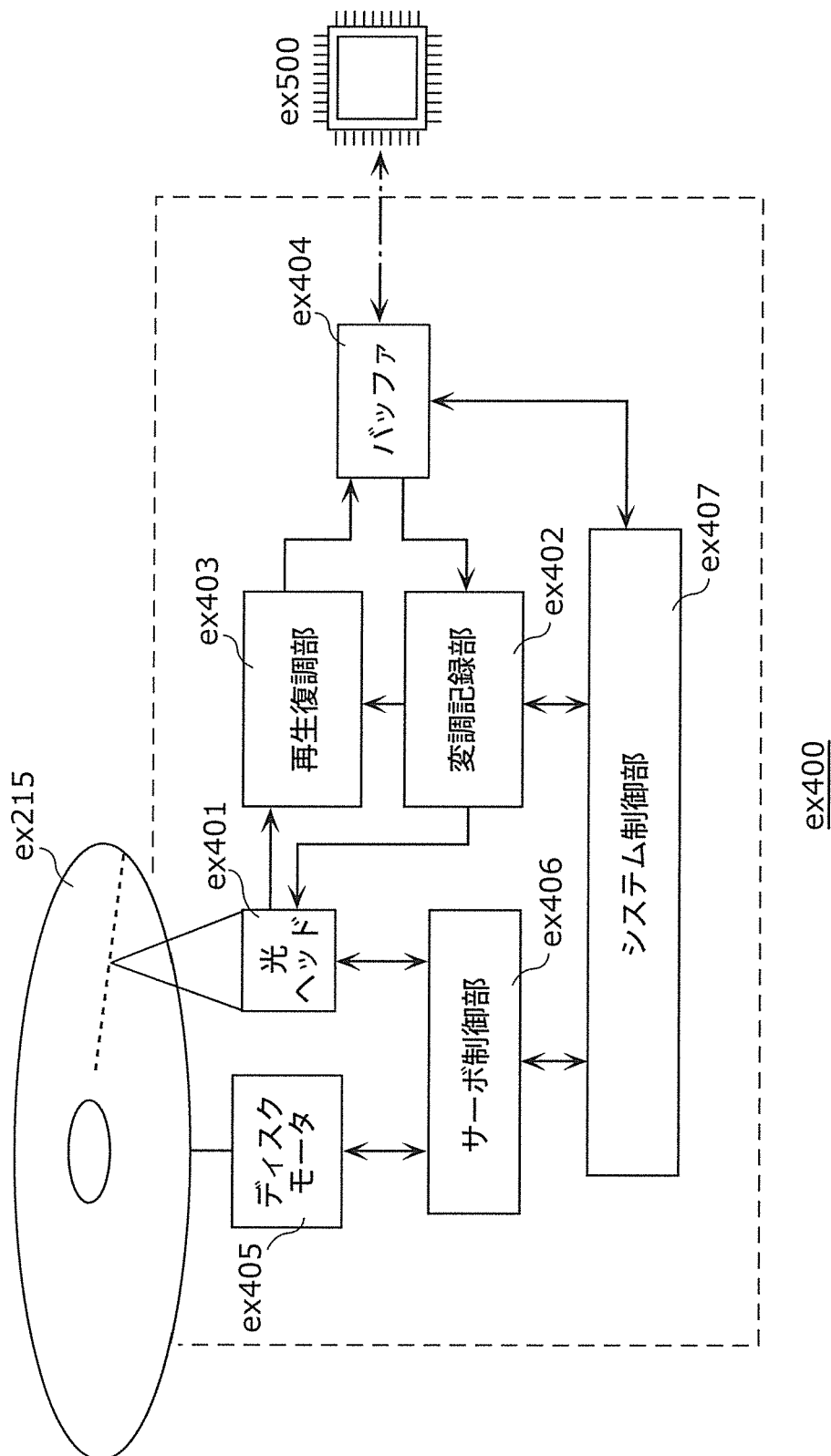
[図24]



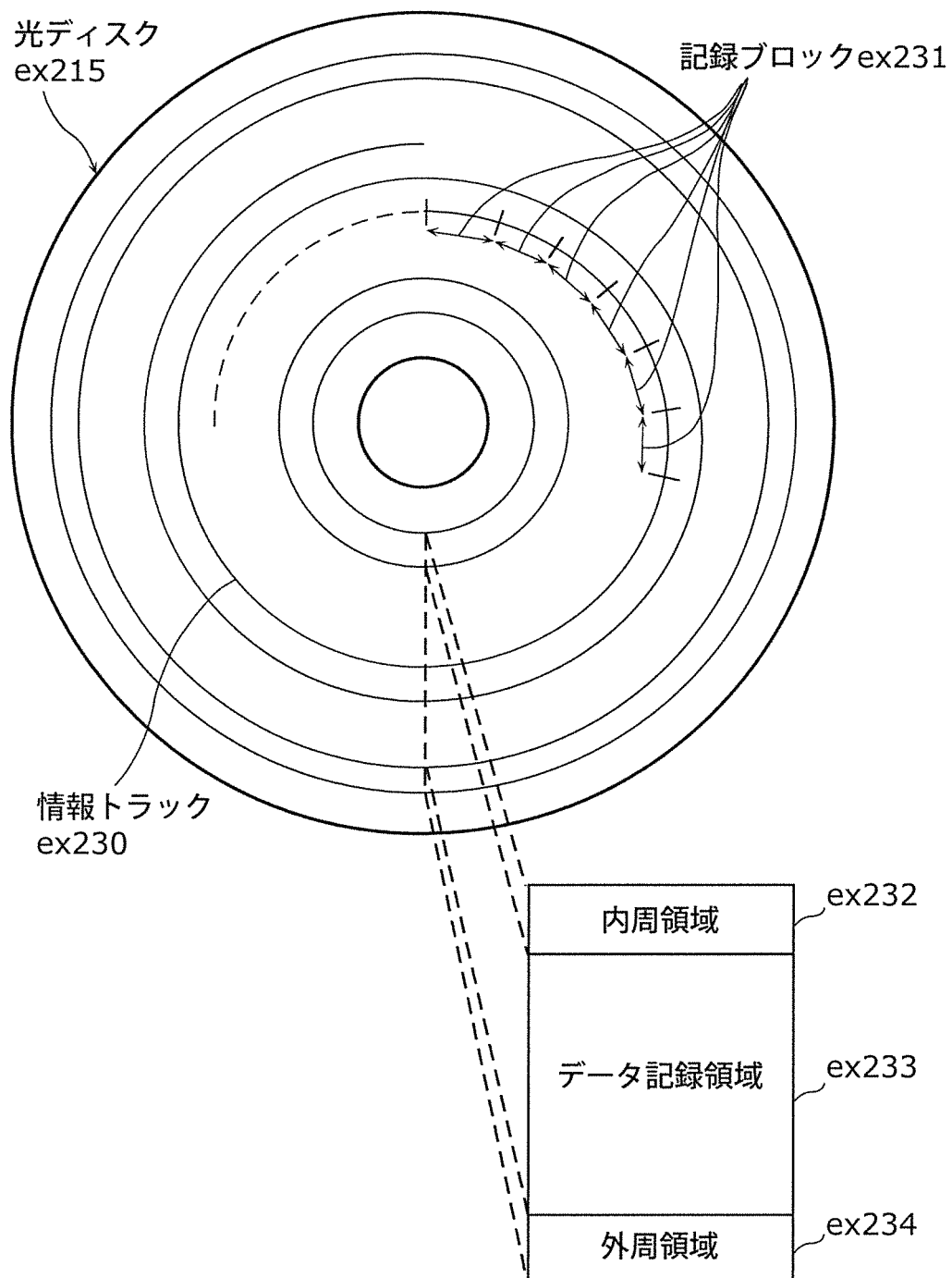
[図25]



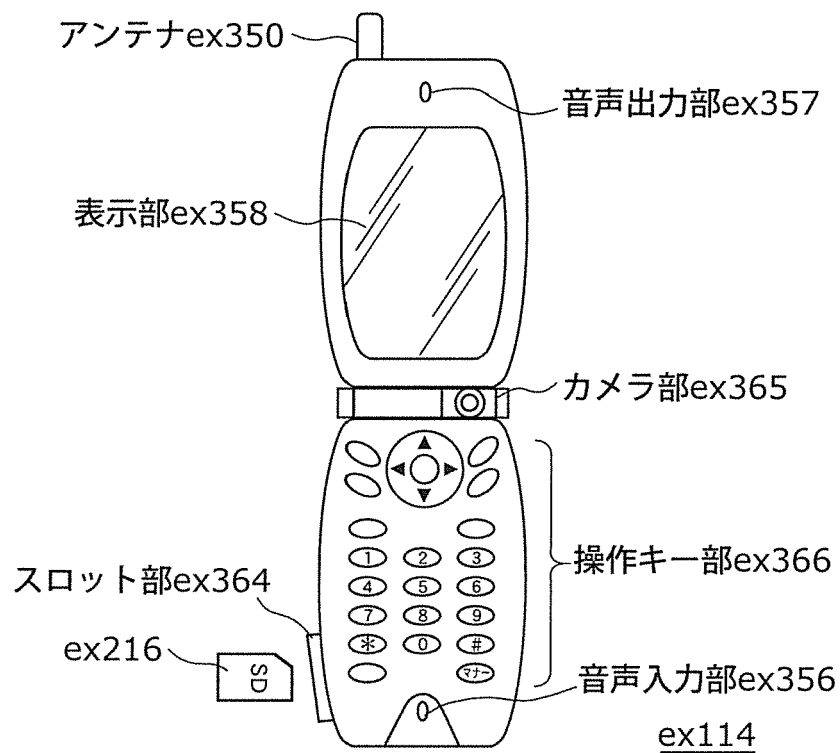
[図26]



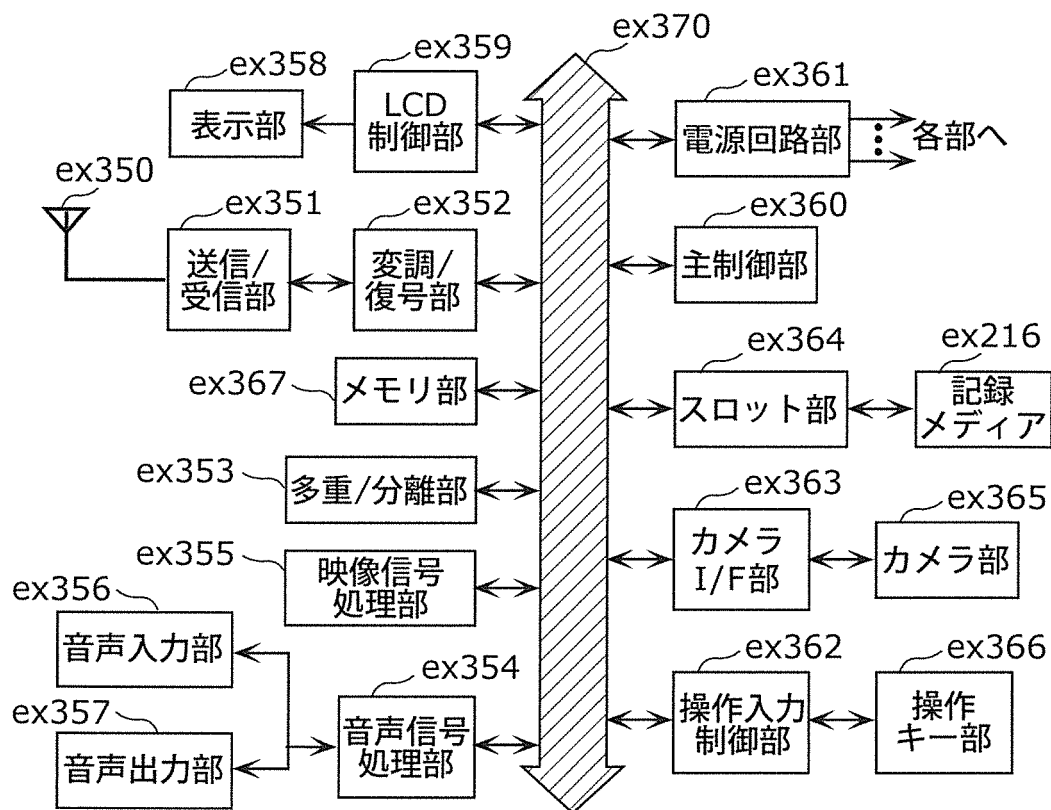
[図27]



[図28A]



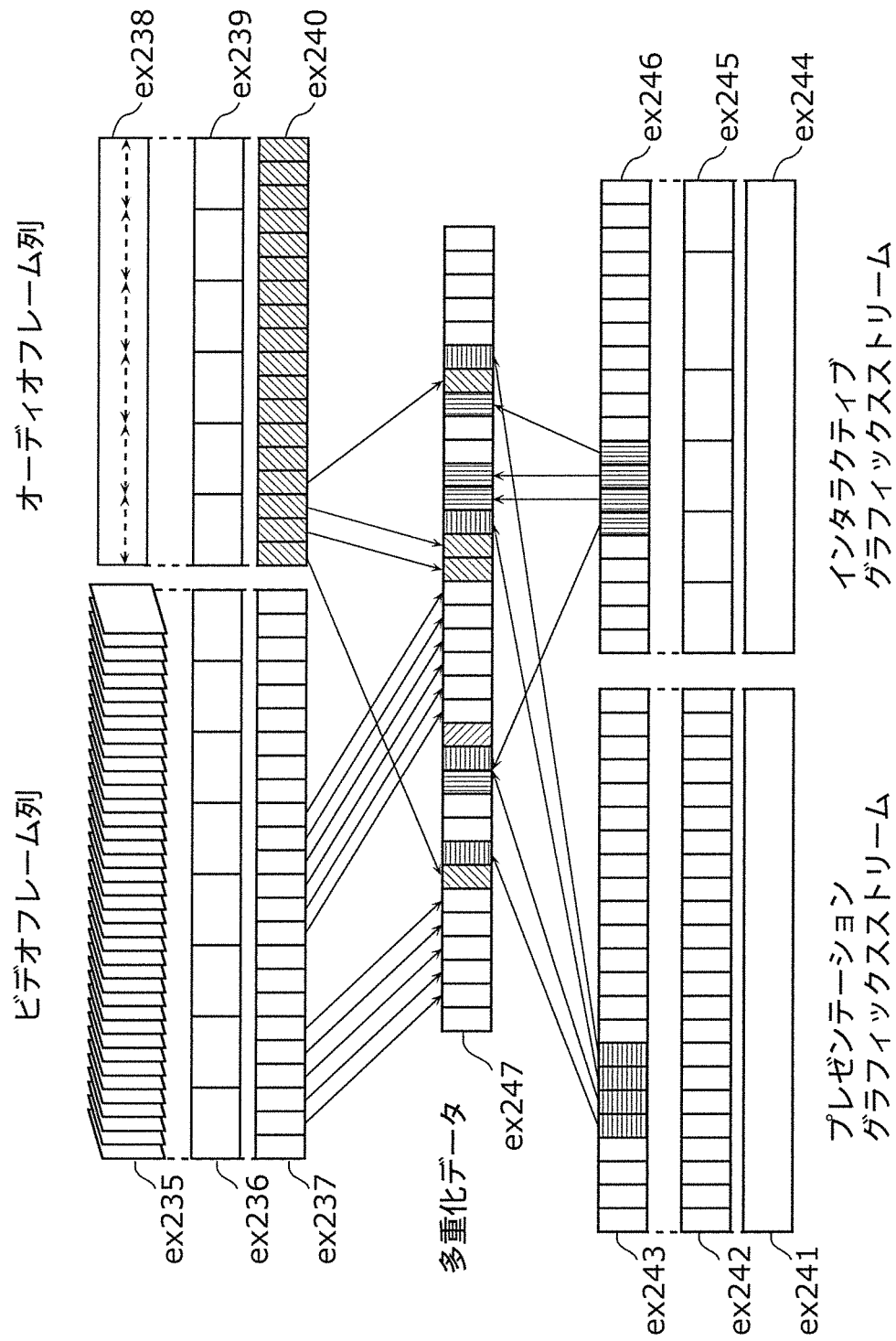
[図28B]



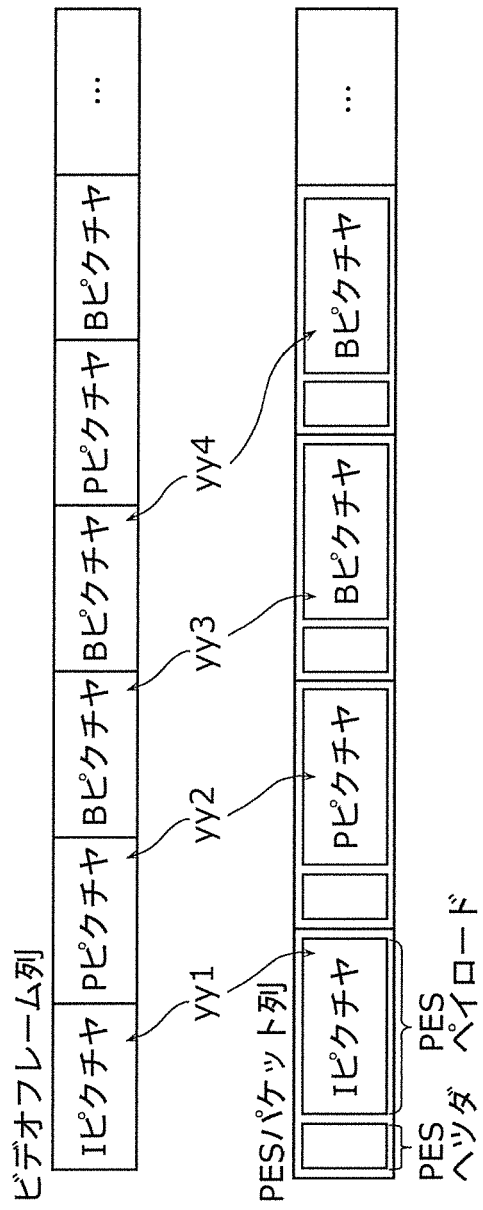
[図29]

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)

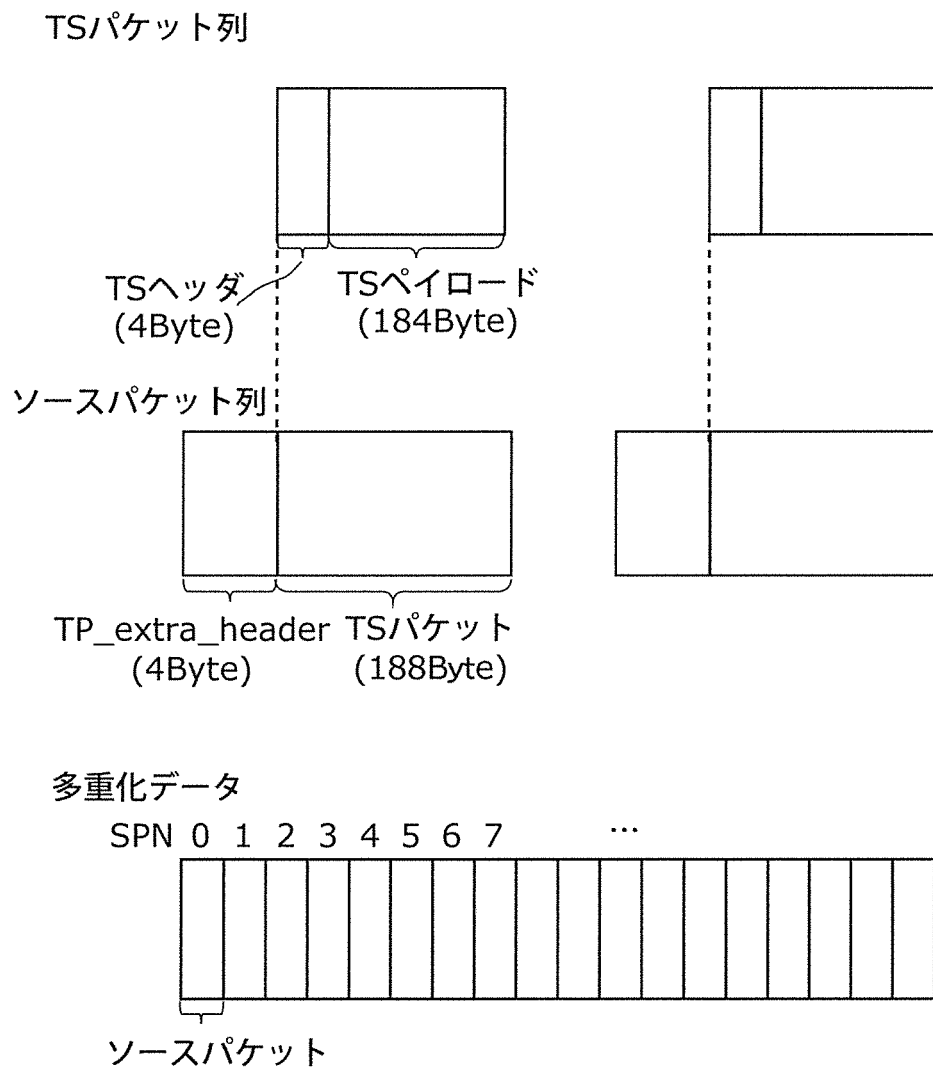
[図30]



[図31]

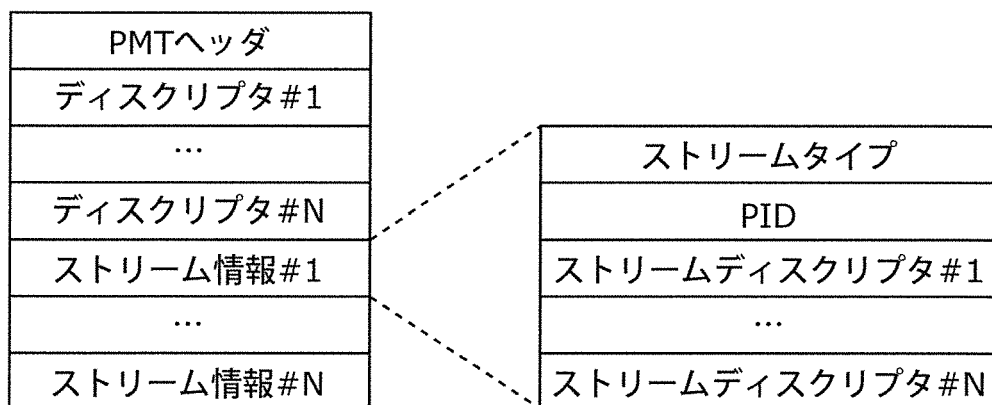


[図32]

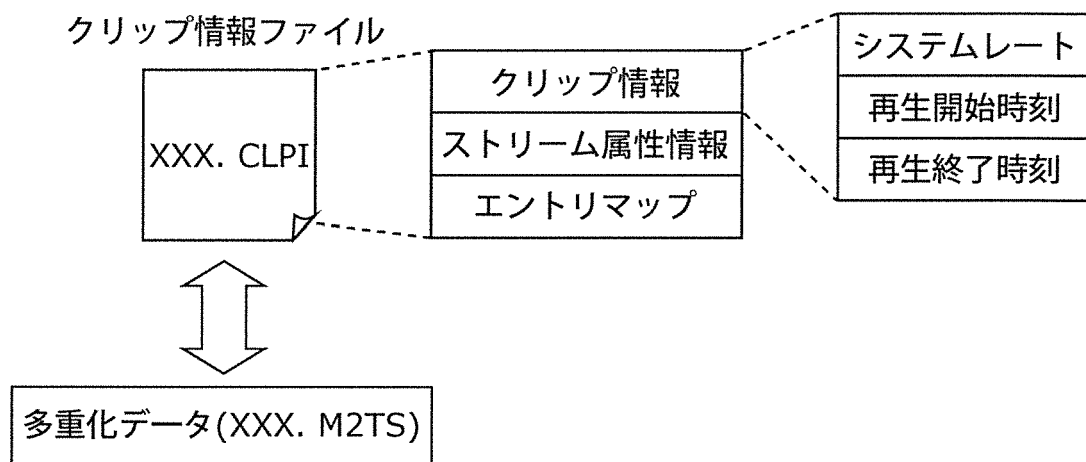


[図33]

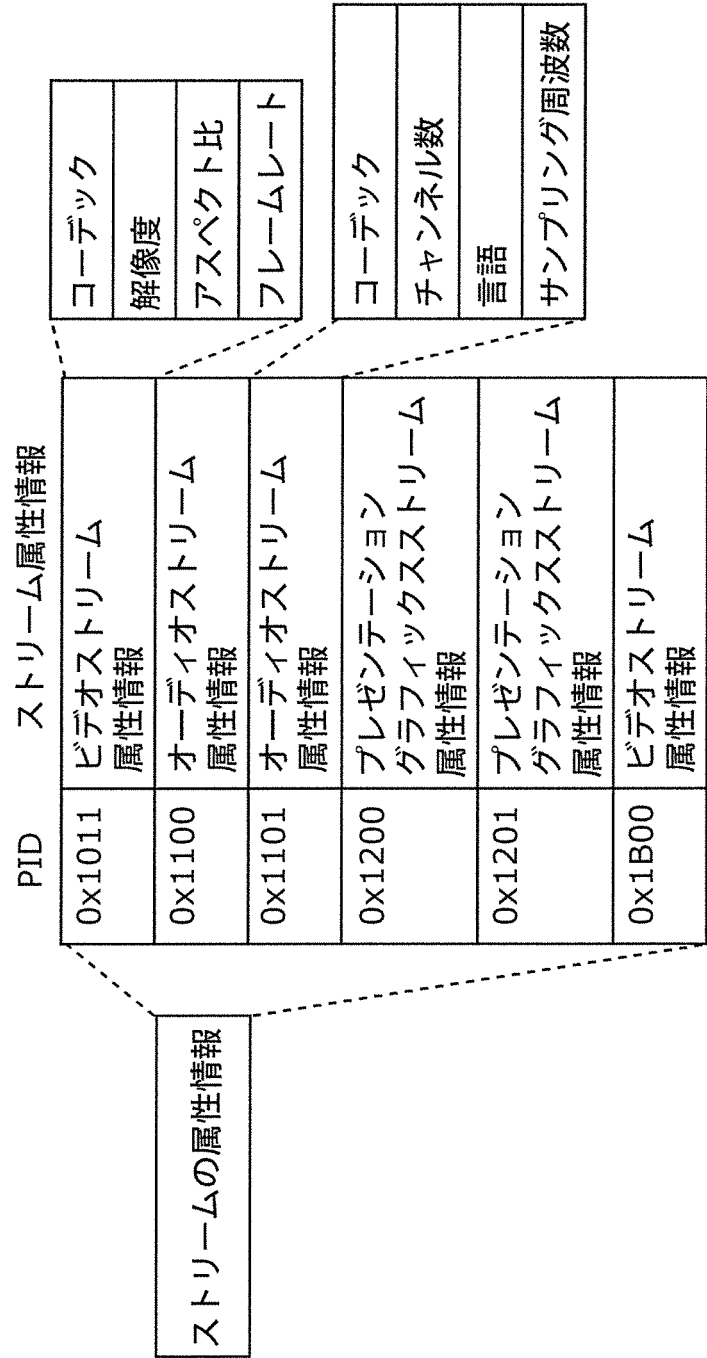
PMTのデータ構造



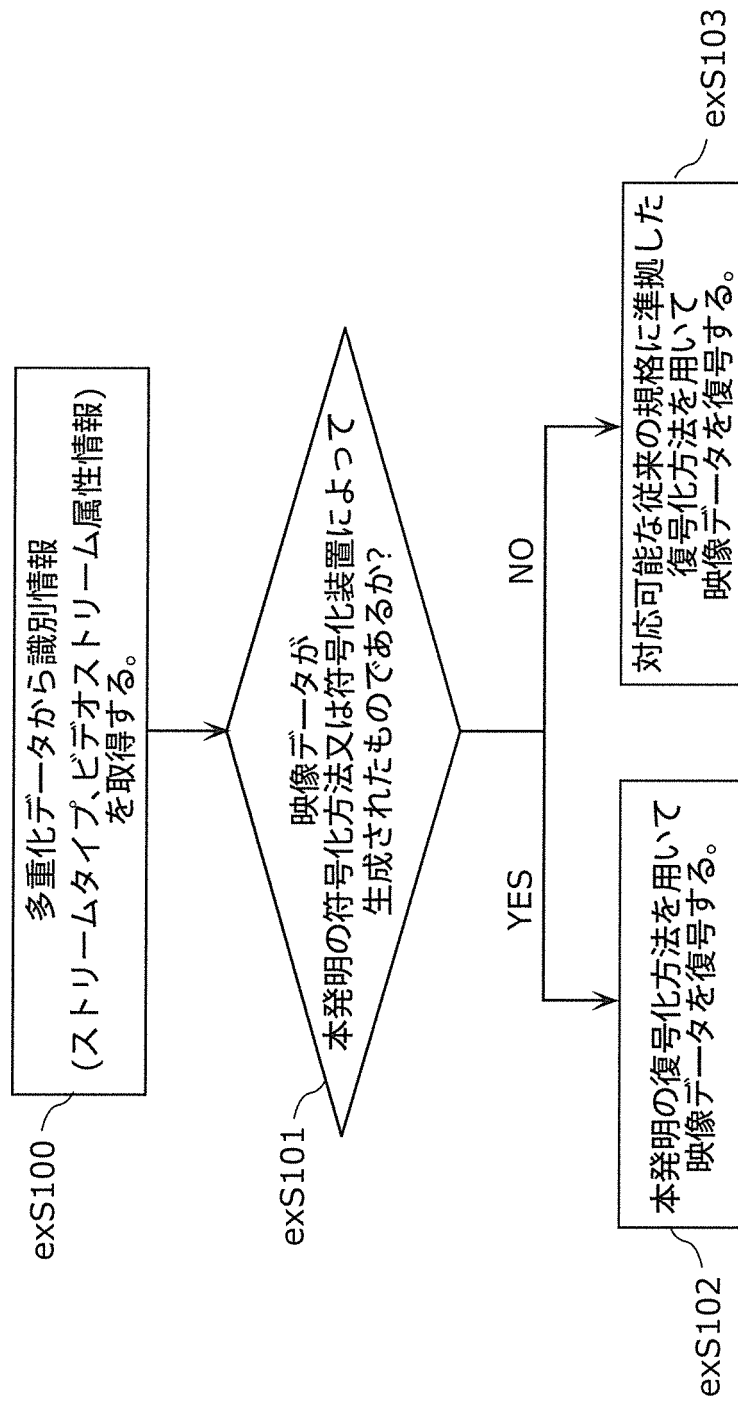
[図34]



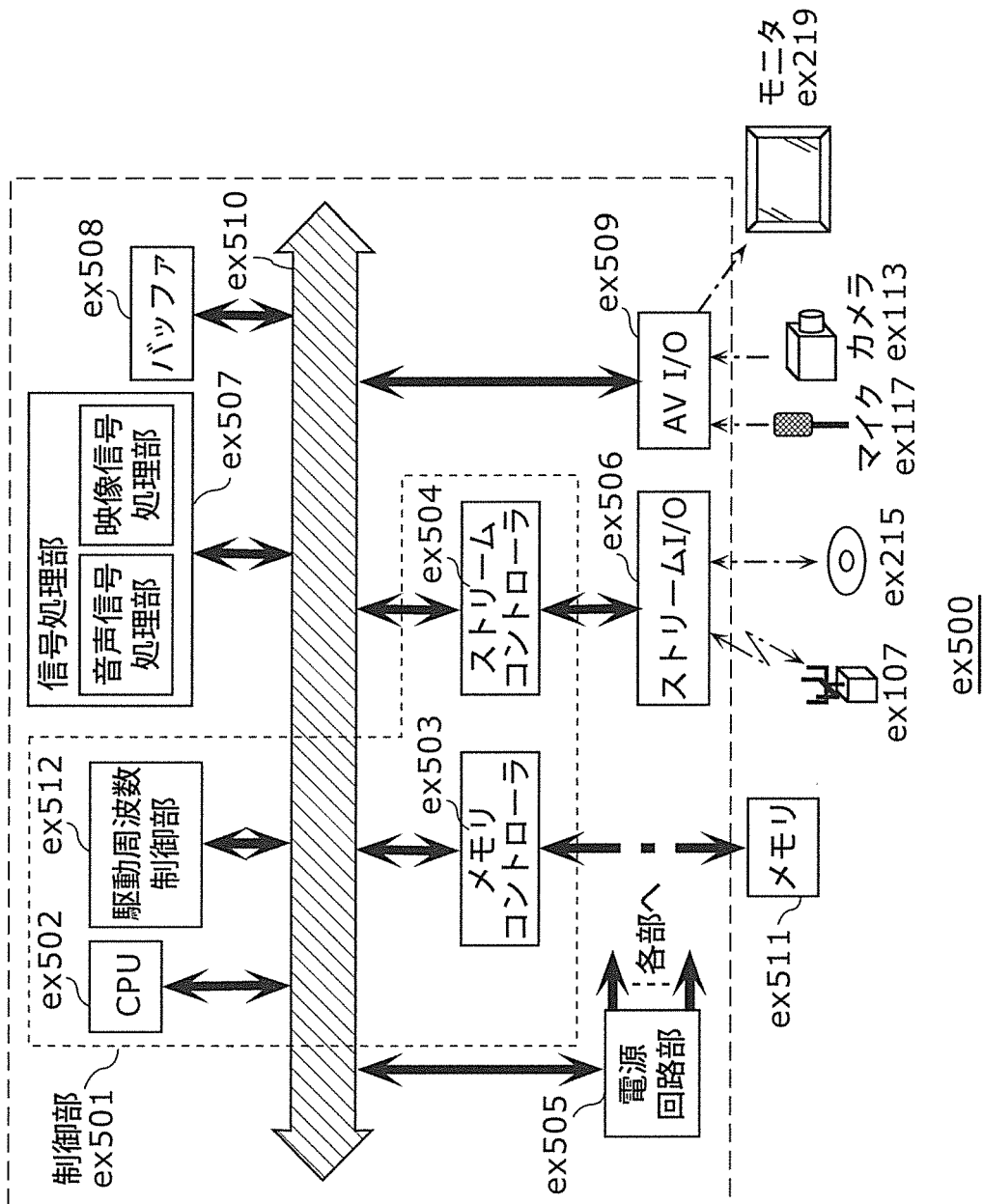
[図35]



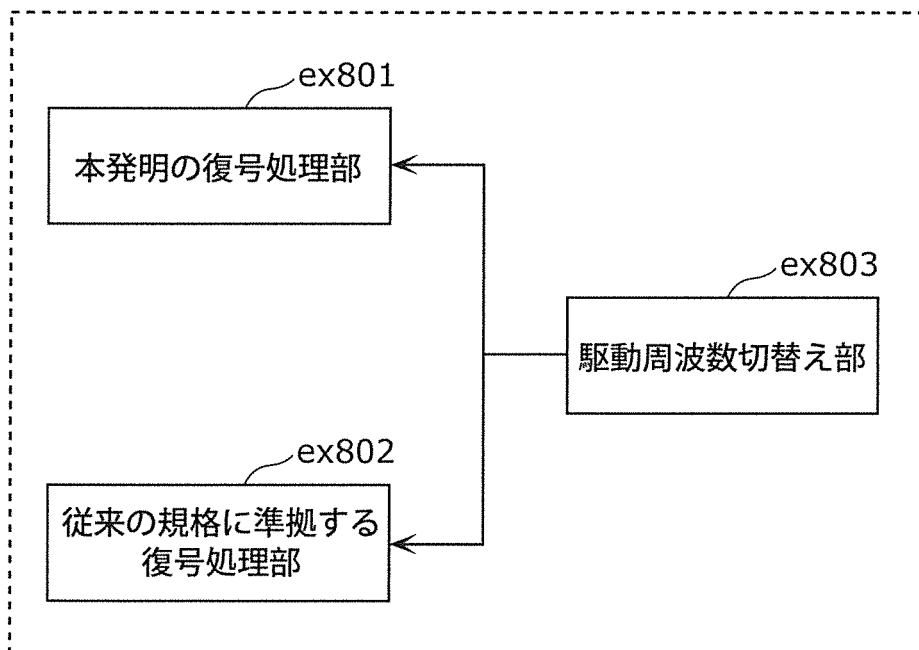
[図36]



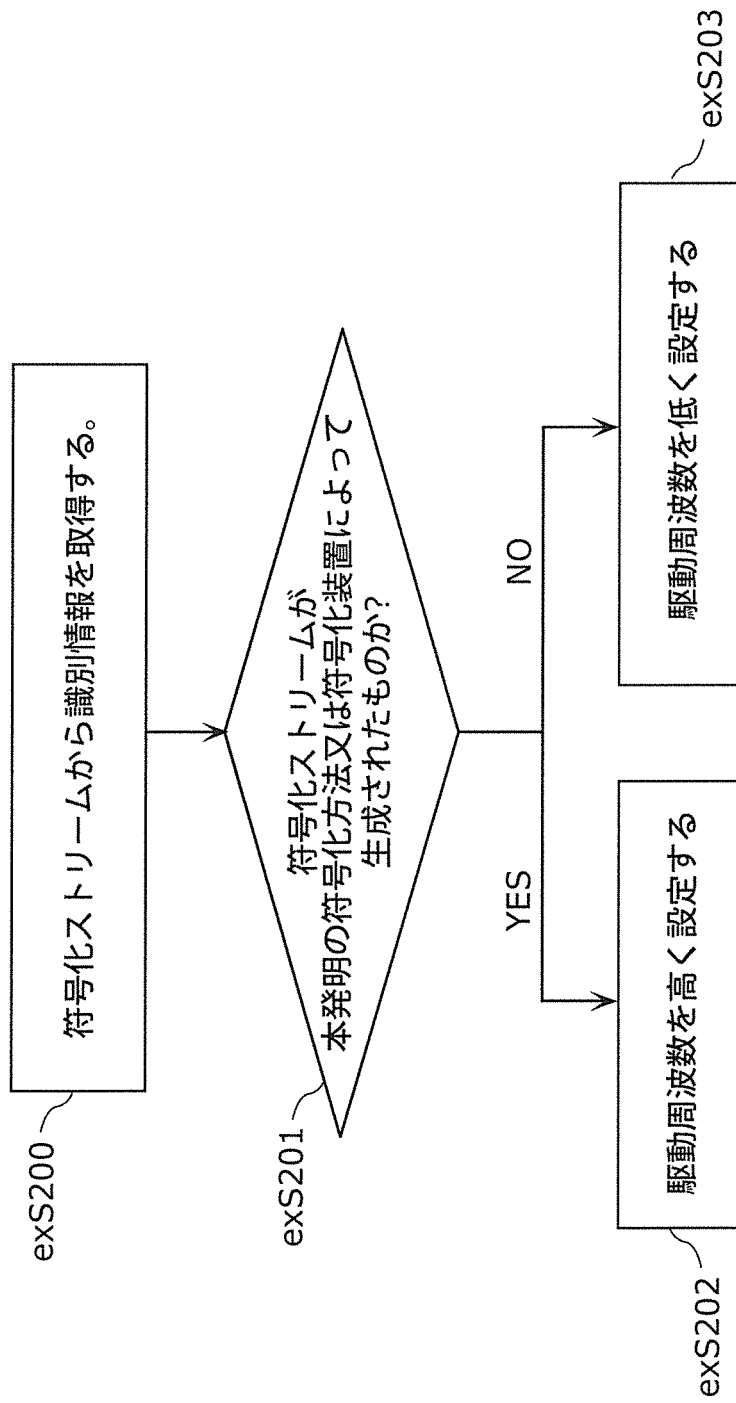
[図37]



[図38]



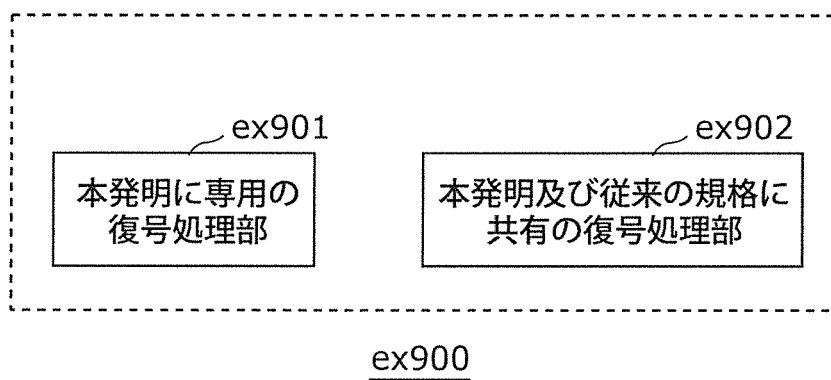
[図39]



[図40]

対応規格	駆動周波数
MPEG4.AVC	500MHz
MPEG2	350MHz
⋮	⋮

[図41A]



[図41B]

