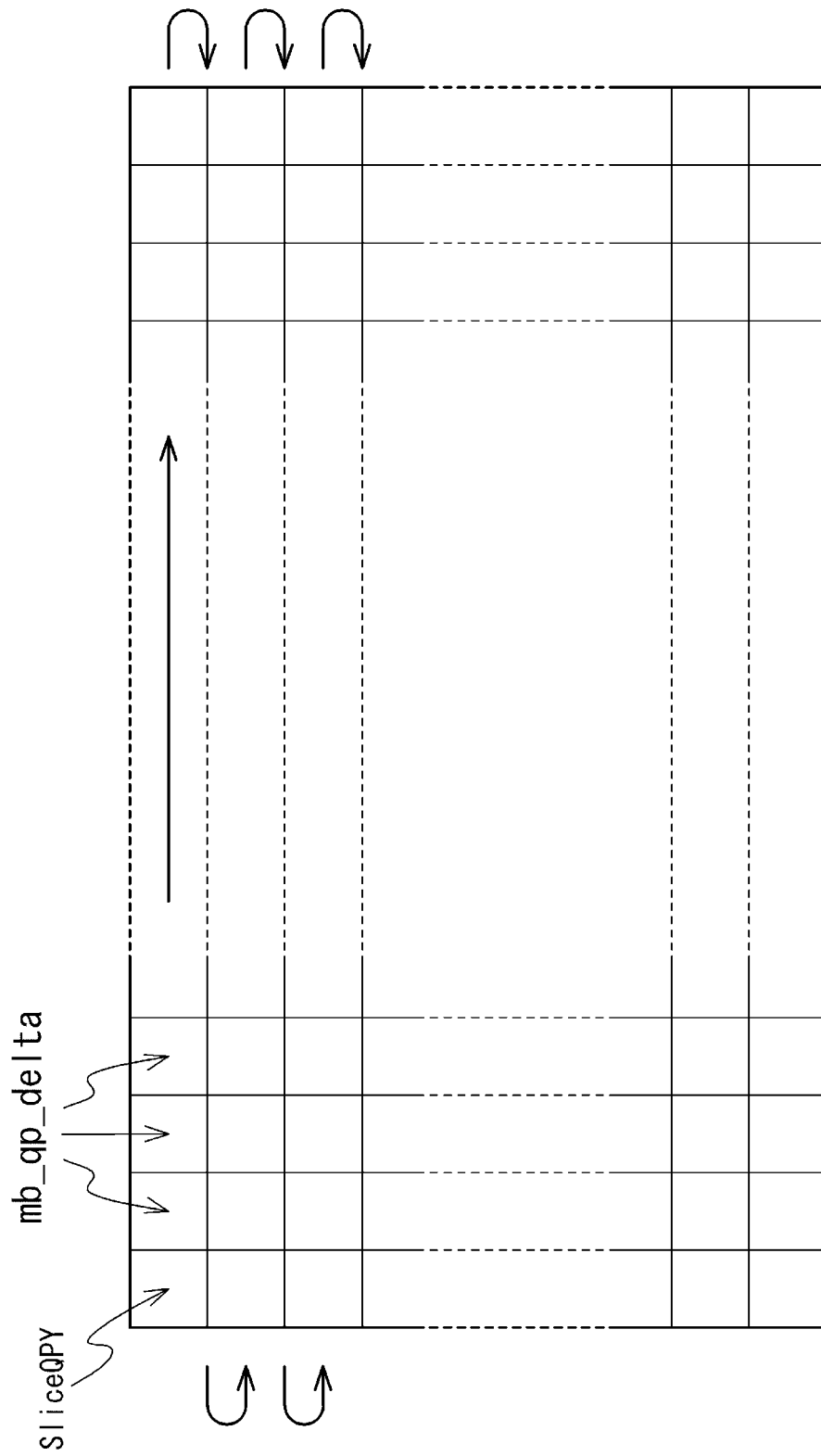
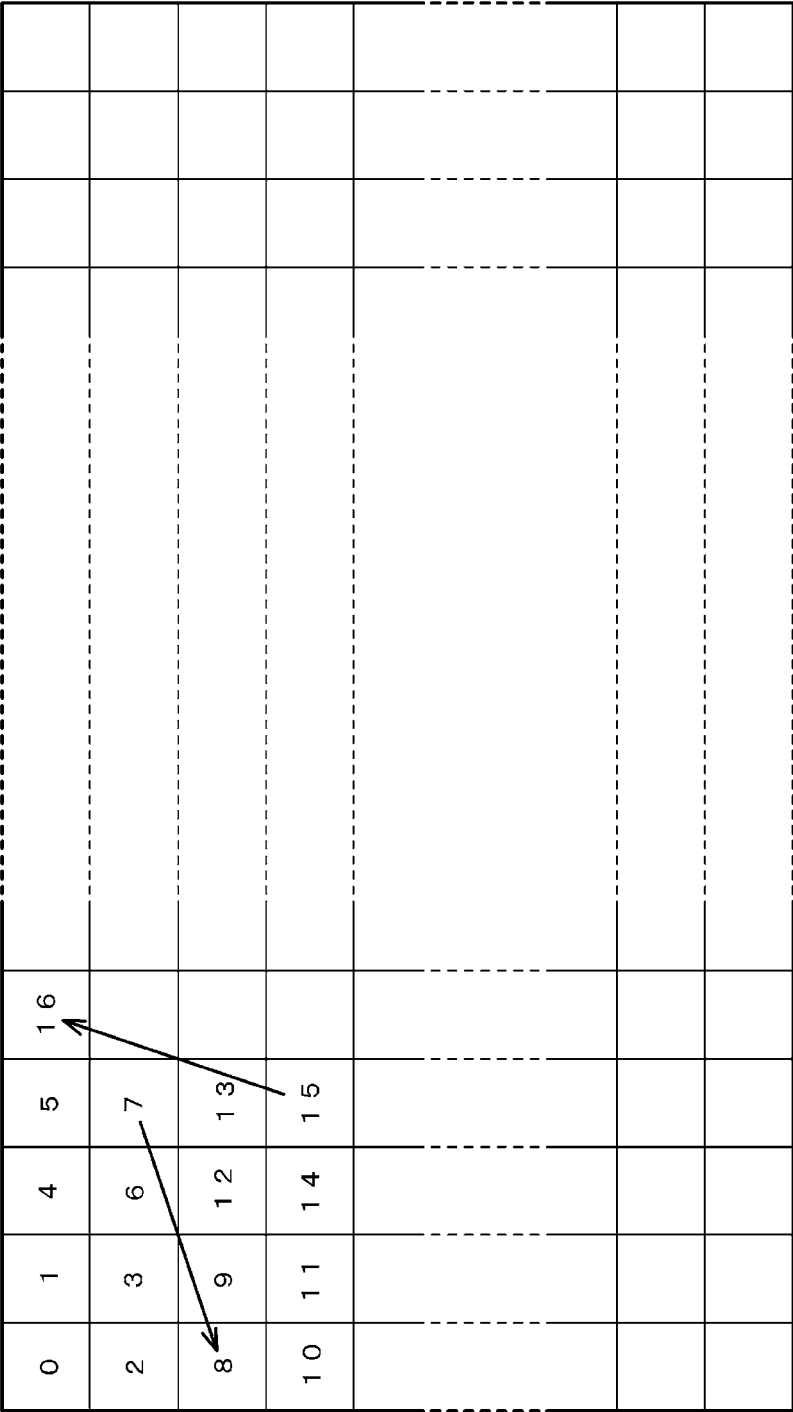


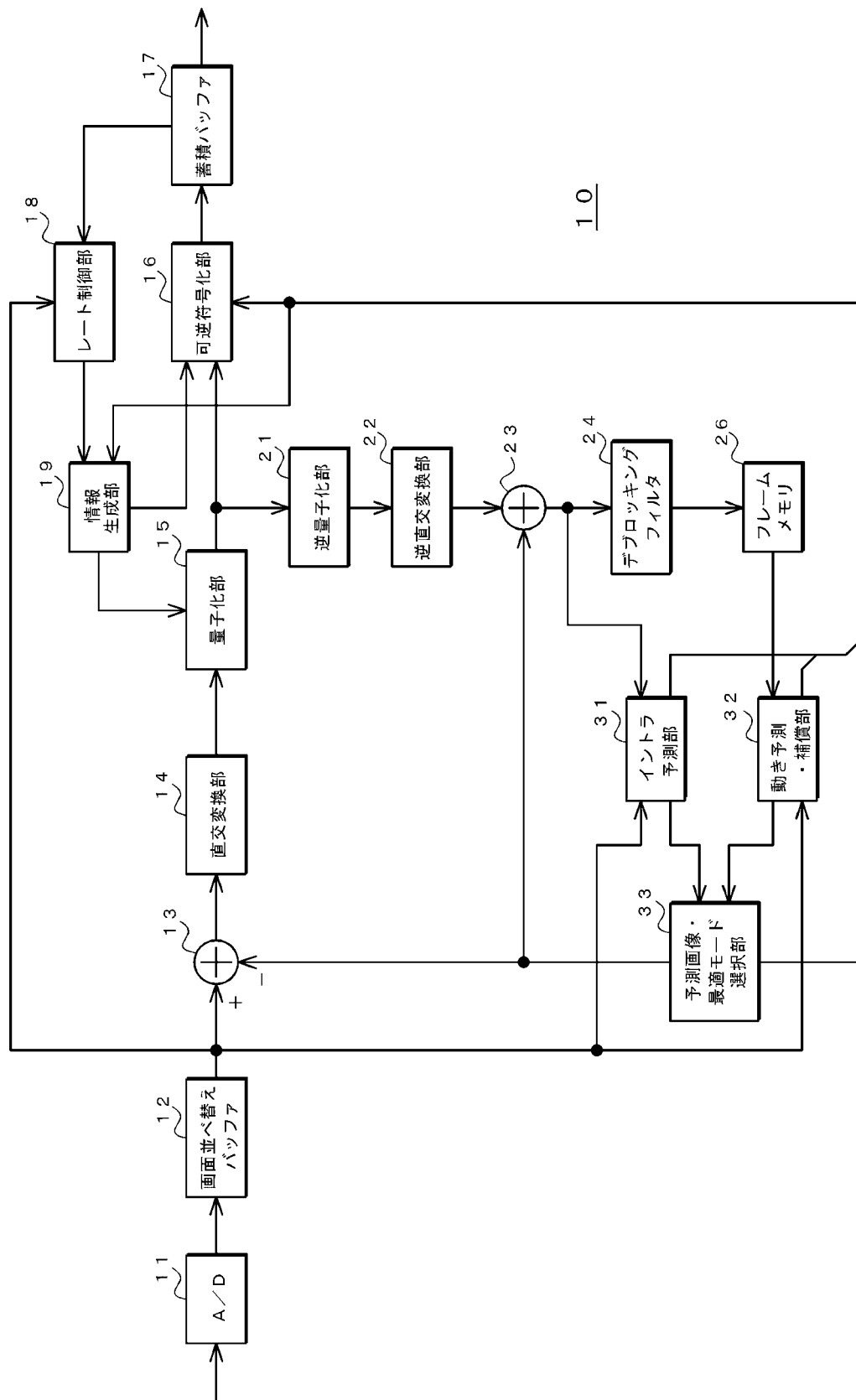
[図1]



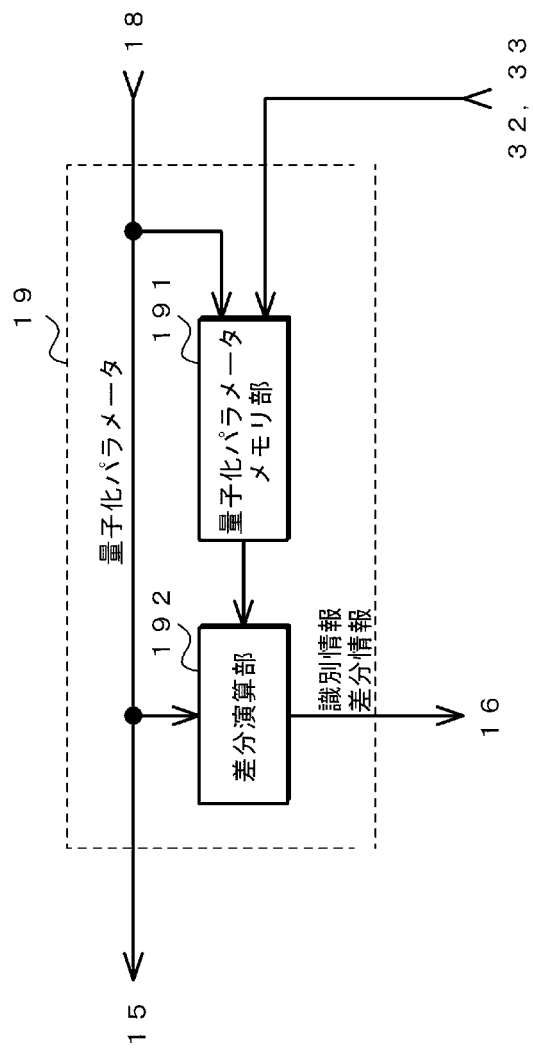
[図2]



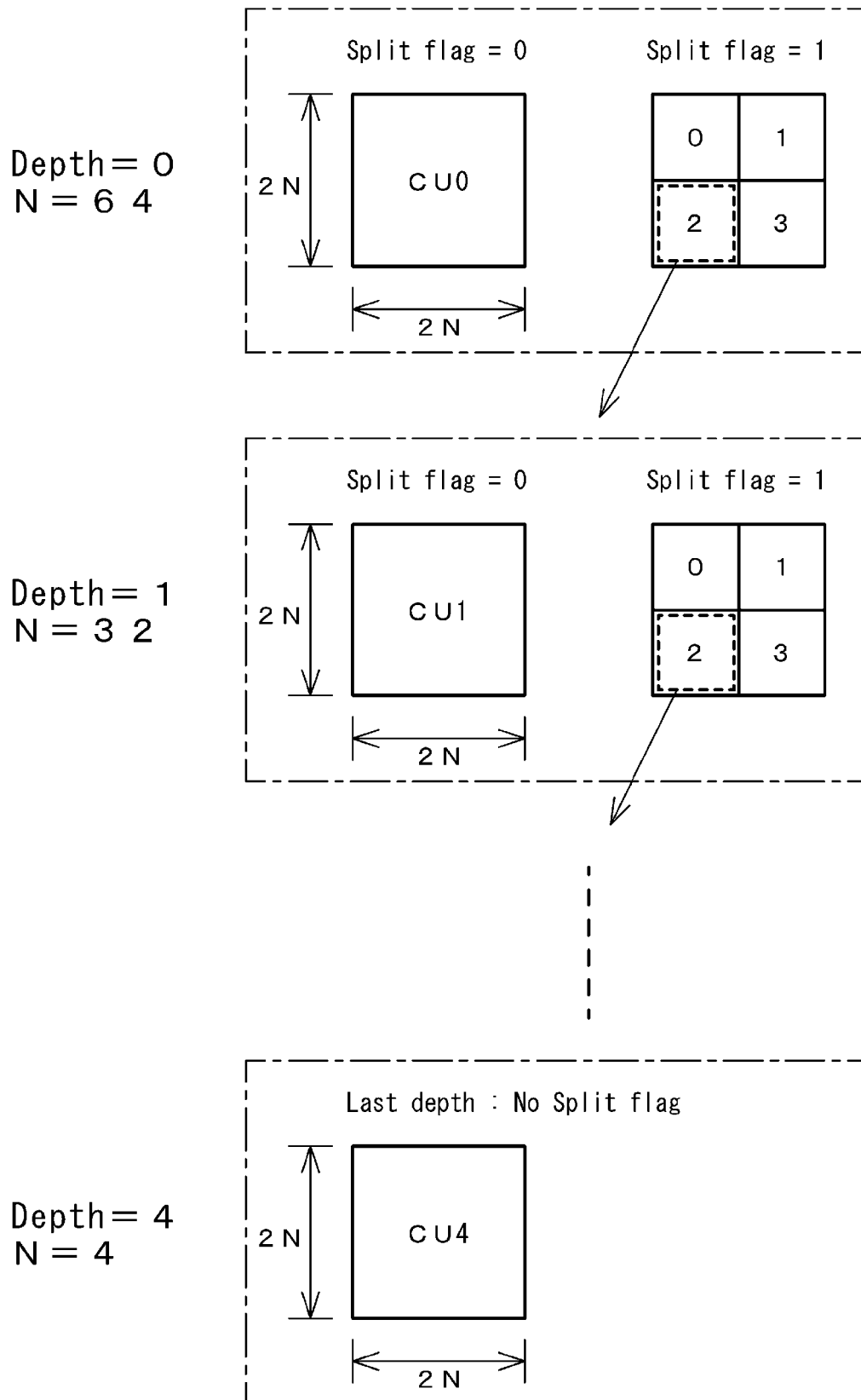
[図3]



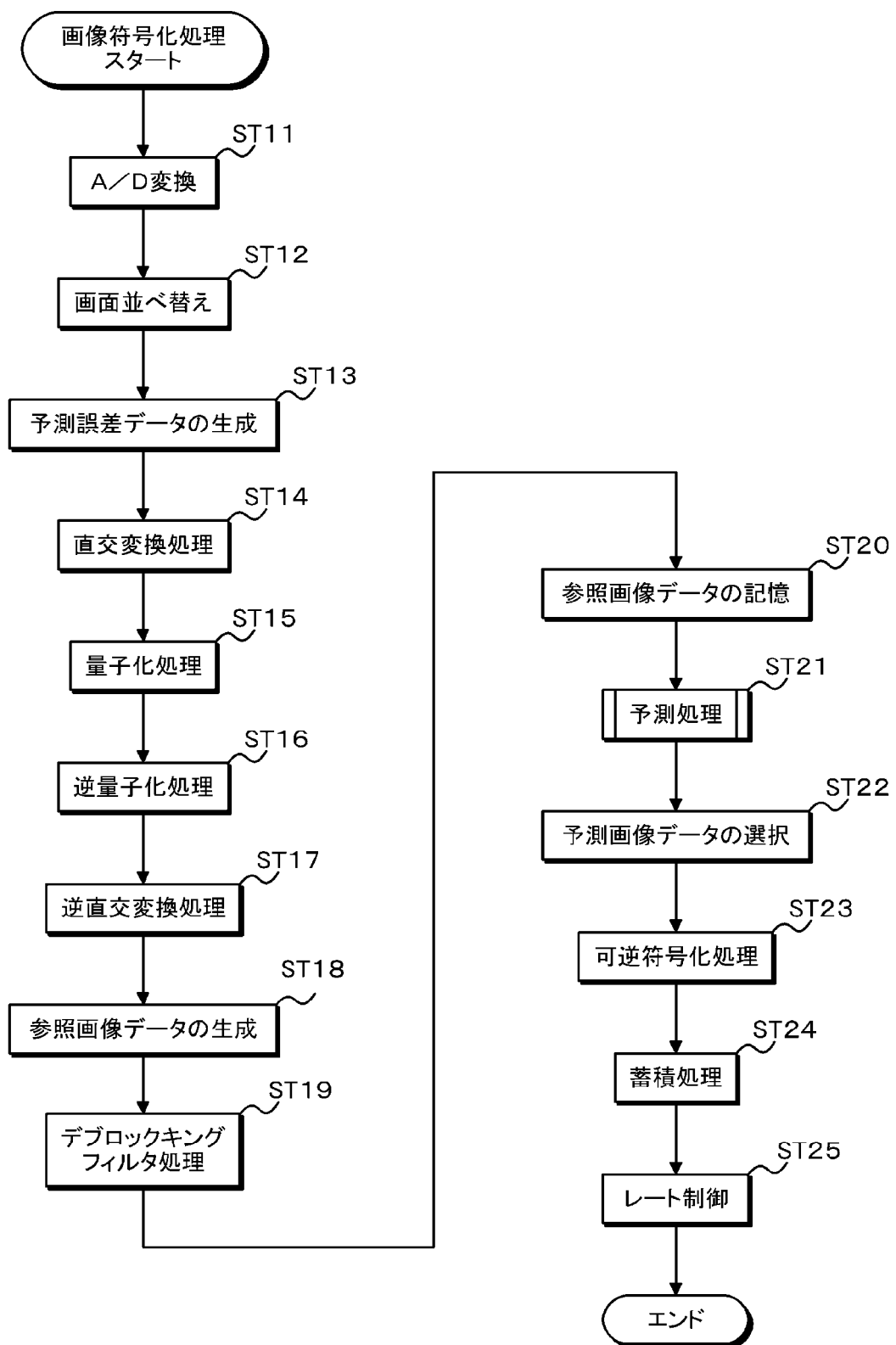
[図4]



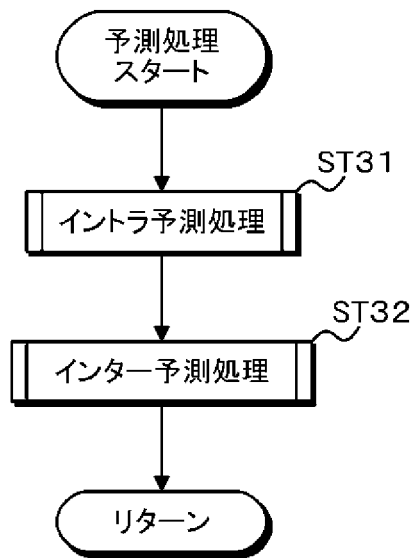
[図5]



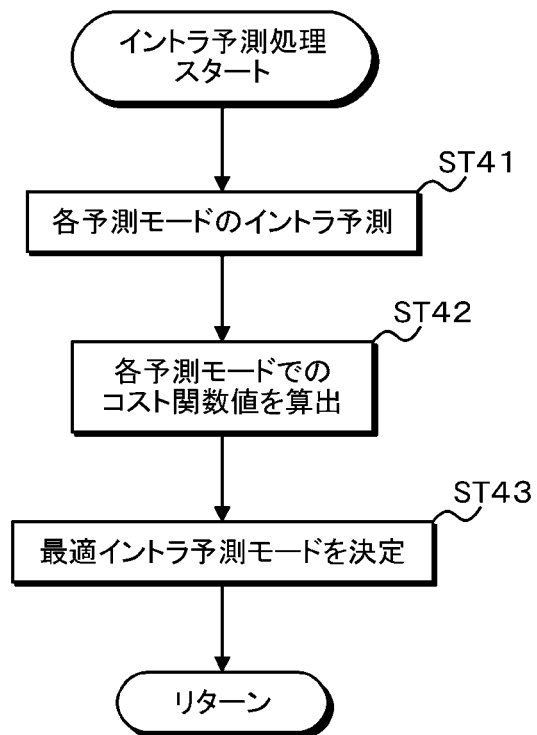
[図6]



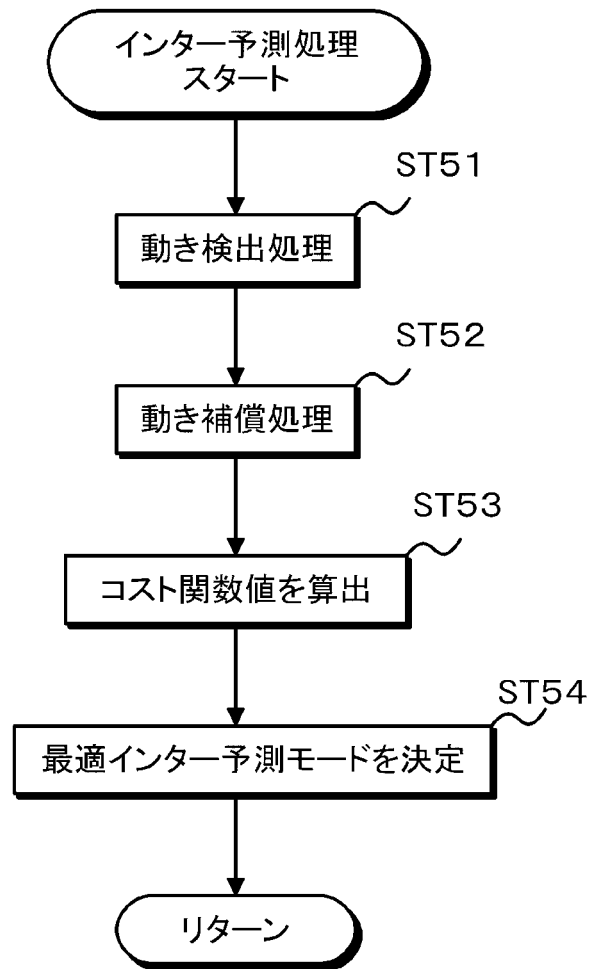
[図7]



[図8]



[図9]



[illegible]

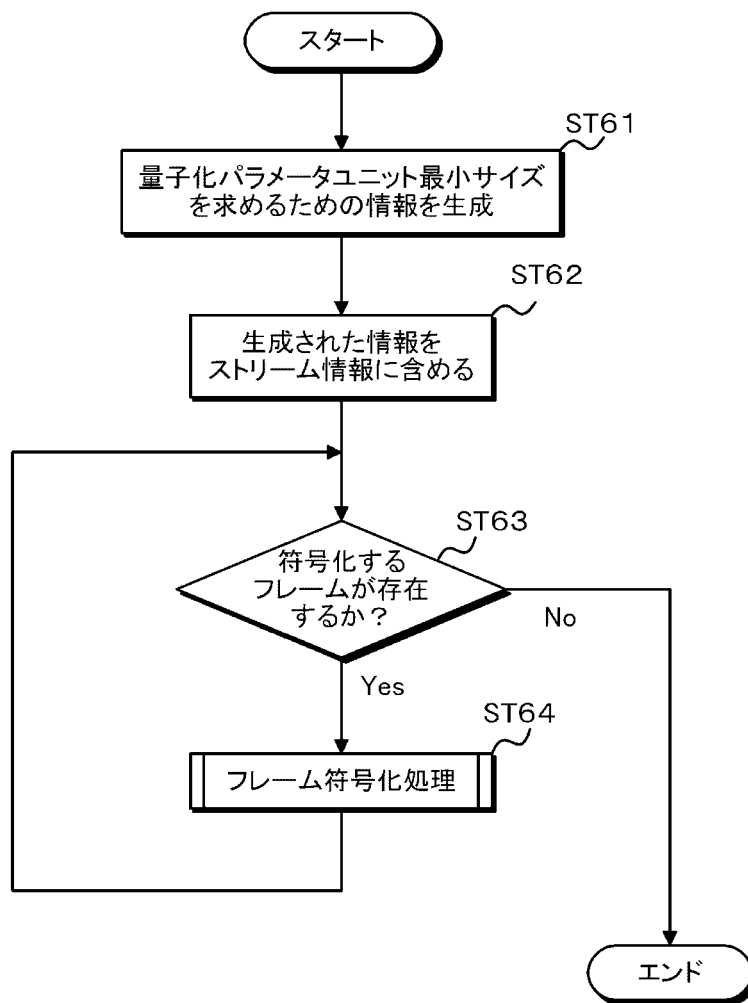
3 2	3 2	3 2	3 2	3 2	—	4 0	4 6
3 2	—	3 2	3 2	3 5	4 0	4 5	4 6
—	3 2	3 2	3 2	3 2	BK0 3 3		
3 2	3 2	3 2	—				

符号化対象フレーム

3 1	-	3 1	3 1	3 1	3 1	3 1	
3 1	3 3	3 1	-	3 1	-	3 1	
3 1	3 1	-	3 1	3 1	3 1	3 3	
3 1	3 3	3 1	3 1	3 1	-	3 1	

表示順序で最も時間の近い符号化済みフレーム

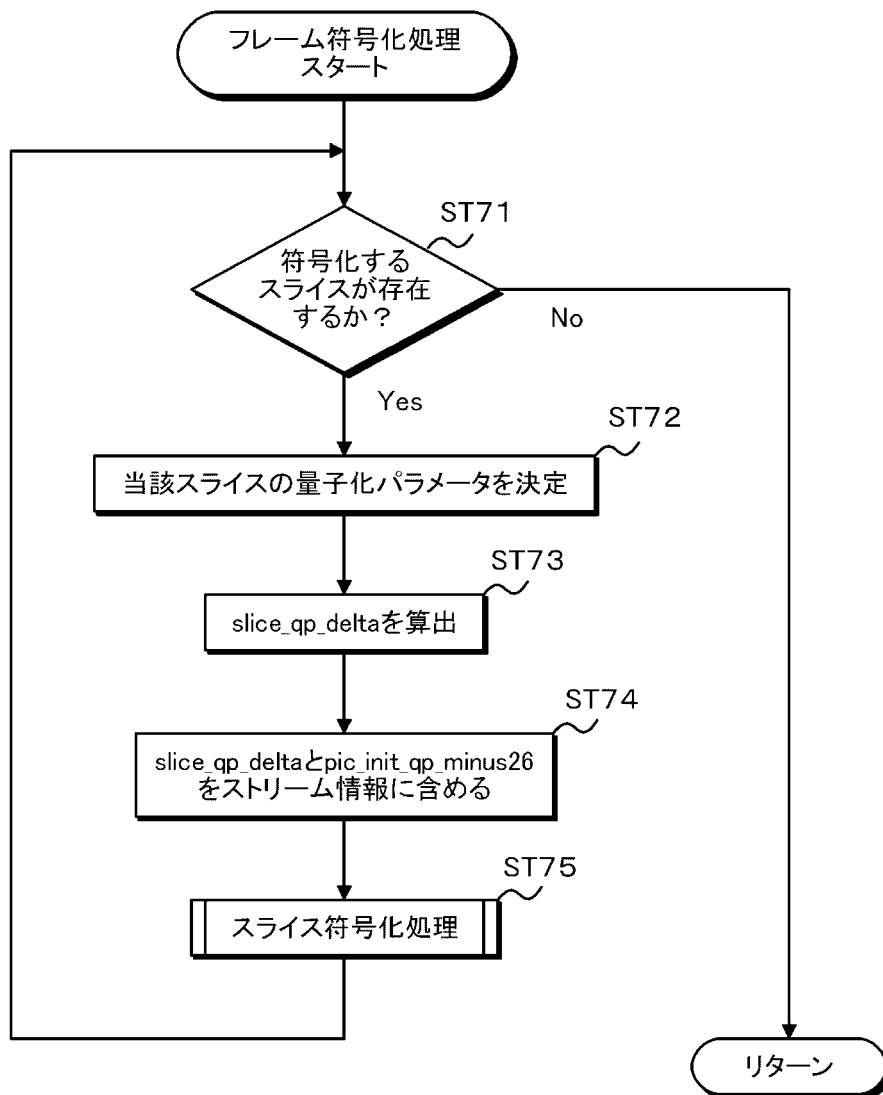
[図12]



[図13]

seq_parameter_set_rbsp() {	Descriptor
profile_idc	u(8)
reserved_zero_8bits /* equal to 0 */	u(8)
level_idc	u(8)
seq_parameter_set_id	ue(v)
pic_width_in_luma_samples	u(16)
pic_height_in_luma_samples	u(16)
bit_depth_luma_minus8	ue(v)
bit_depth_chroma_minus8	ue(v)
log2_max_frame_num_minus4	ue(v)
pic_order_cnt_type	ue(v)
if(pic_order_cnt_type == 0)	
log2_max_pic_order_cnt_lsb_minus4	ue(v)
else if(pic_order_cnt_type == 1) {	
delta_pic_order_always_zero_flag	u(1)
offset_for_non_ref_pic	se(v)
num_ref_frames_in_pic_order_cnt_cycle	ue(v)
for(i = 0; i < num_ref_frames_in_pic_order_cnt_cycle; i++)	
offset_for_ref_frame[i]	se(v)
}	
max_num_ref_frames	ue(v)
gaps_in_frame_num_value_allowed_flag	u(1)
log2_min_coding_block_size_minus3	ue(v)
log2_diff_max_min_coding_block_size	ue(v)
log2_min_transform_block_size_minus2	ue(v)
log2_diff_max_min_transform_block_size	ue(v)
max_transform_hierarchy_depth_inter	ue(v)
max_transform_hierarchy_depth_intra	ue(v)
adaptive_loop_filter_enabled_flag	u(1)
cu_qp_delta_enabled_flag	u(1)
rbsp_trailing_bits()	
}	

[図14]



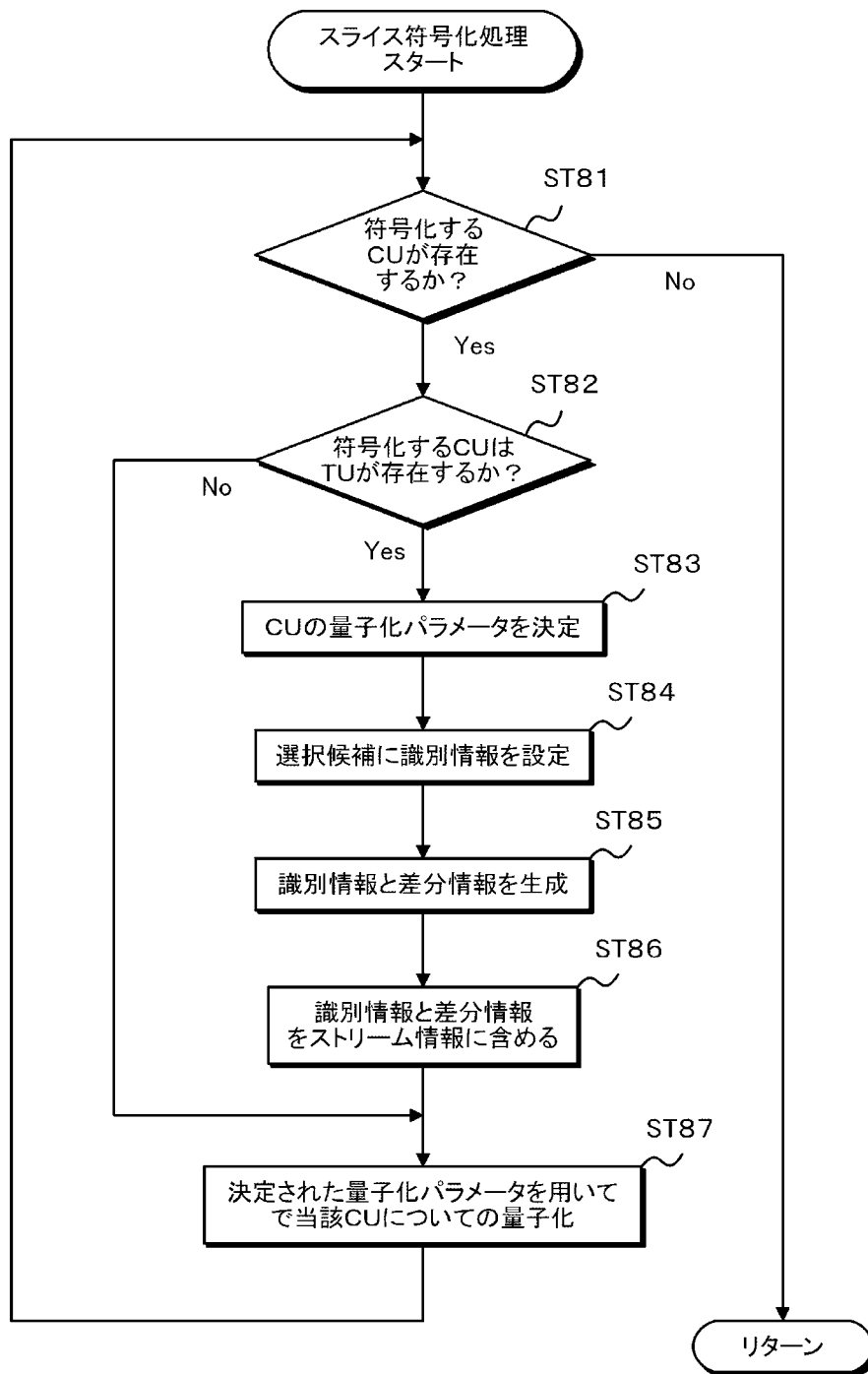
[図15]

pic parameter set rbsp() {
pic parameter set id
seq parameter set id
entropy coding mode flag
num ref idx l0 default active minus1
num ref idx l1 default active minus1
pic init qp minus26 /* relative to 26 */
constrained intra pred flag
rbsp trailing bits()
}

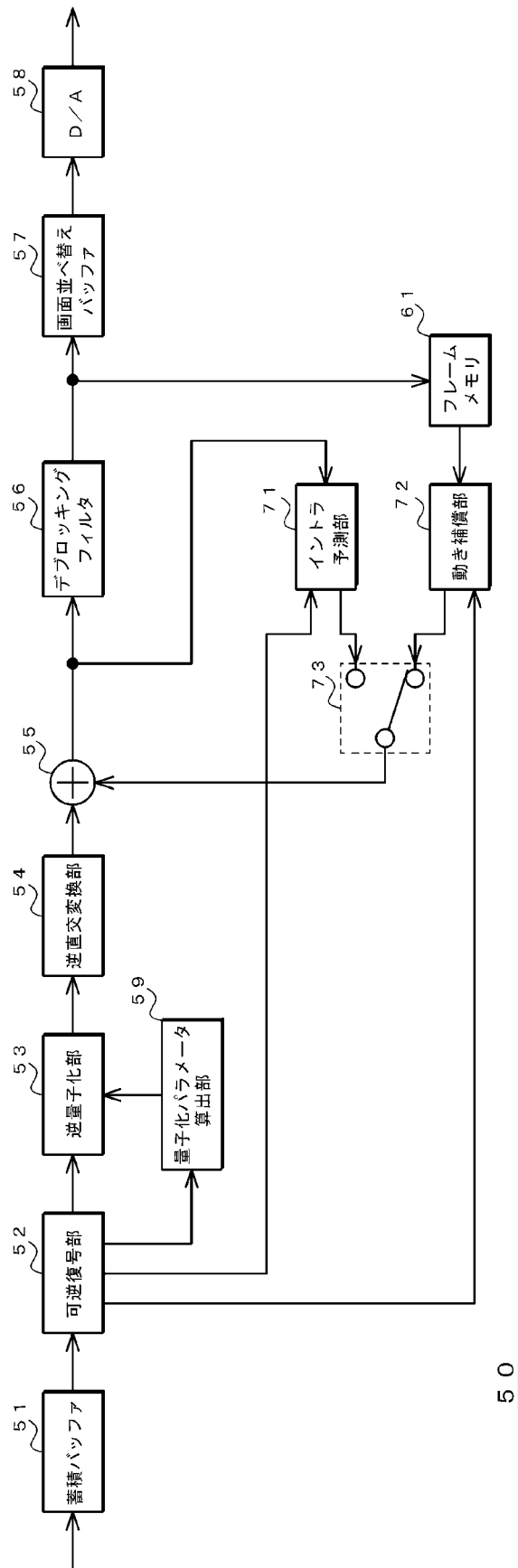
[図16]

slice header() {	Descriptor
first tb in slice	ue(v)
entropy slice flag	u(1)
if(!entropy slice flag) {	
slice type	ue(v)
pic parameter set id	ue(v)
frame num	u(v)
if(IdrPicFlag)	
idr pic id	ue(v)
if(pic order cnt type == 0)	
pic order cnt lsb /*	u(v)
if(slice type == P slice type == B) {	
num ref idx active override flag	u(1)
if(num ref idx active override flag) {	
num ref idx l0 active minus1	ue(v)
if(slice type == B)	
num ref idx l1 active minus1	ue(v)
}	
}	
}	
ref pic list modification()	
ref pic list combination()	
if(nal ref idc != 0)	
dec ref pic marking()	
if(entropy coding mode flag && slice type != I)	
cabac init idc	ue(v)
slice qp delta	se(v)
if(adaptive loop filter enabled flag)	
alf_param()	
if(deblocking filter control present flag) {	
disable deblocking filter idc	
if(disable deblocking filter idc != 1) {	
slice alpha c0 offset div2	
slice beta offset div2	
}	
}	
if(slice type == B)	
collocated from l0 flag	u(1)
} else	
if(entropy coding mode flag && slice type != I)	
cabac_init_idc	ue(v)
}	

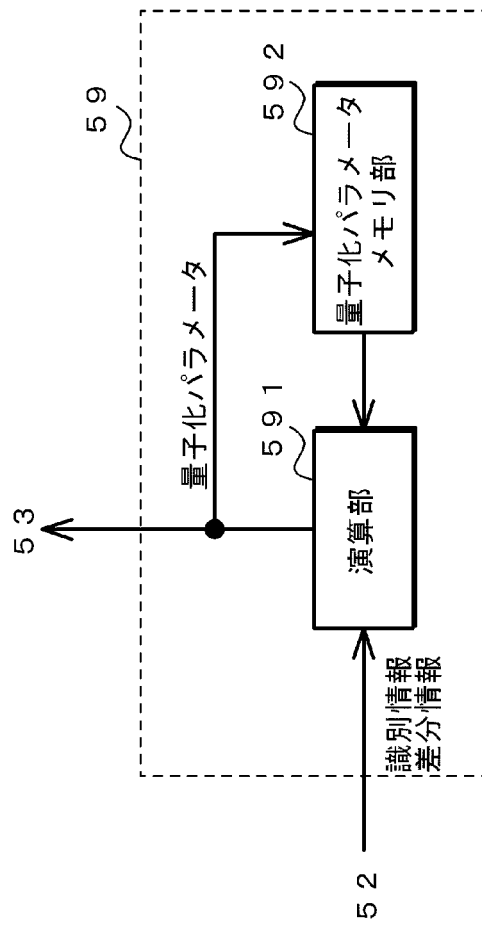
[図17]



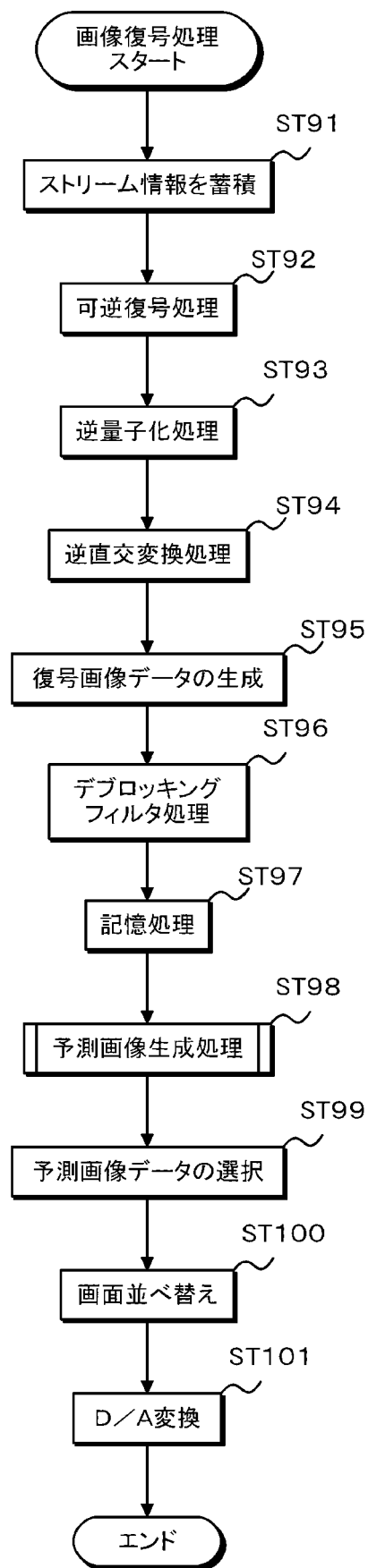
[図18]



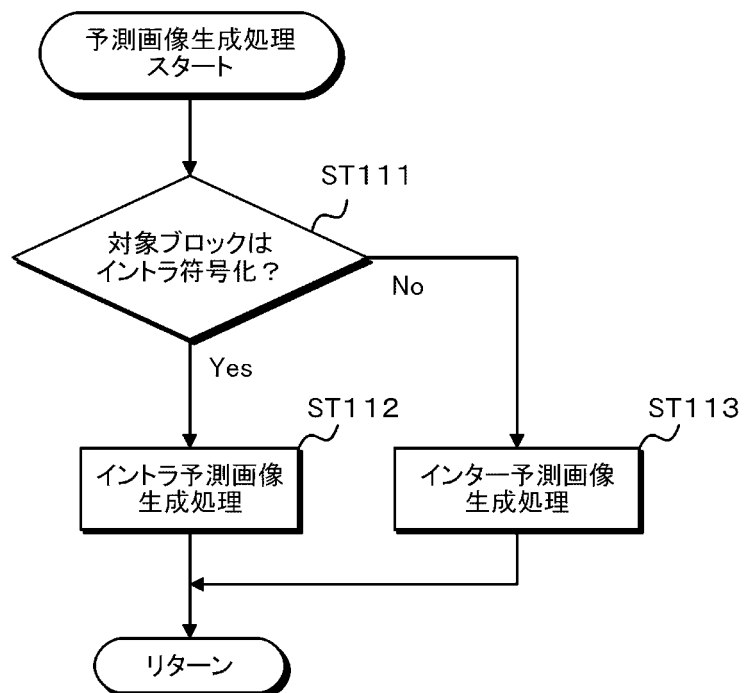
[図19]



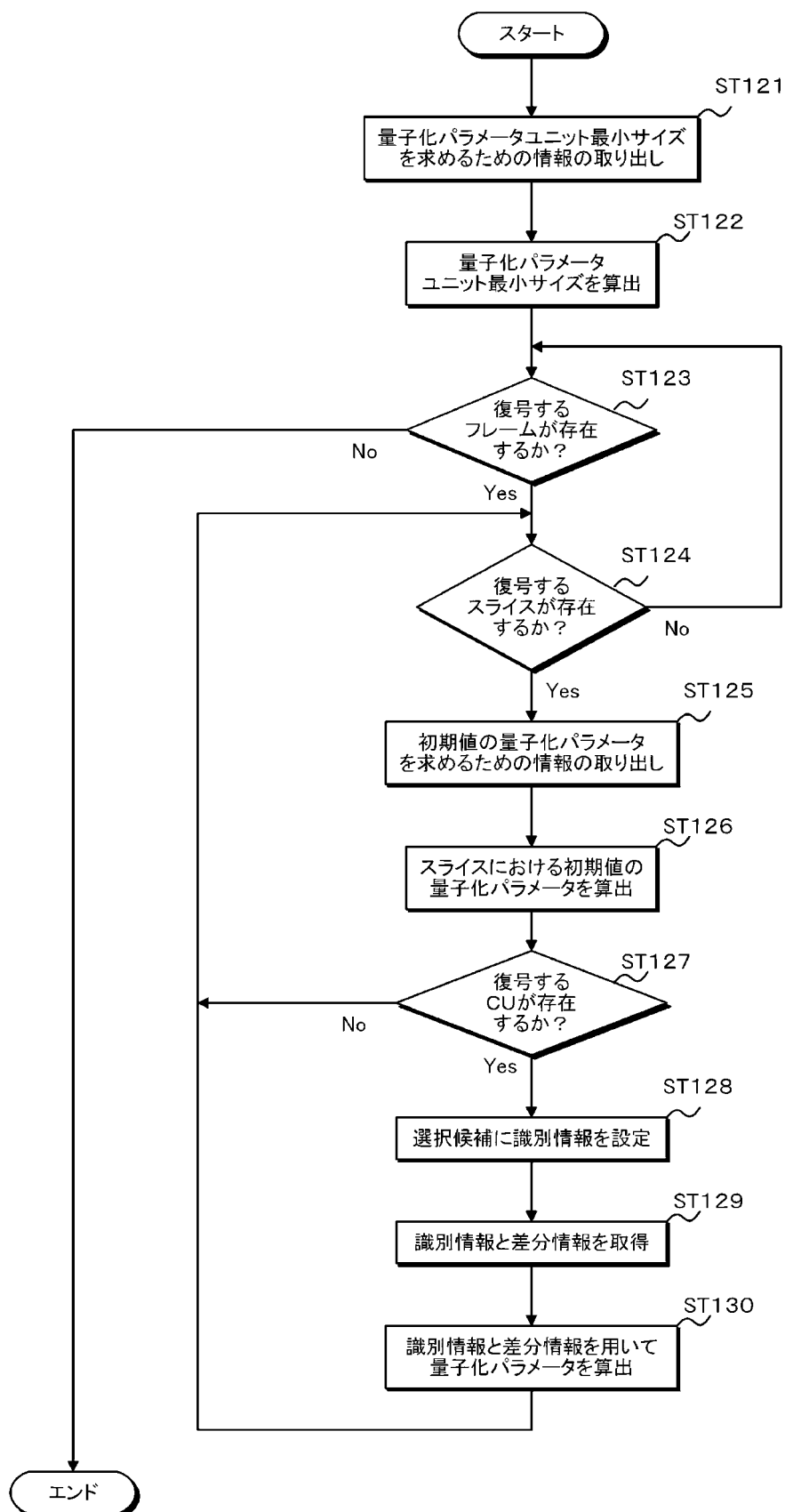
[図20]



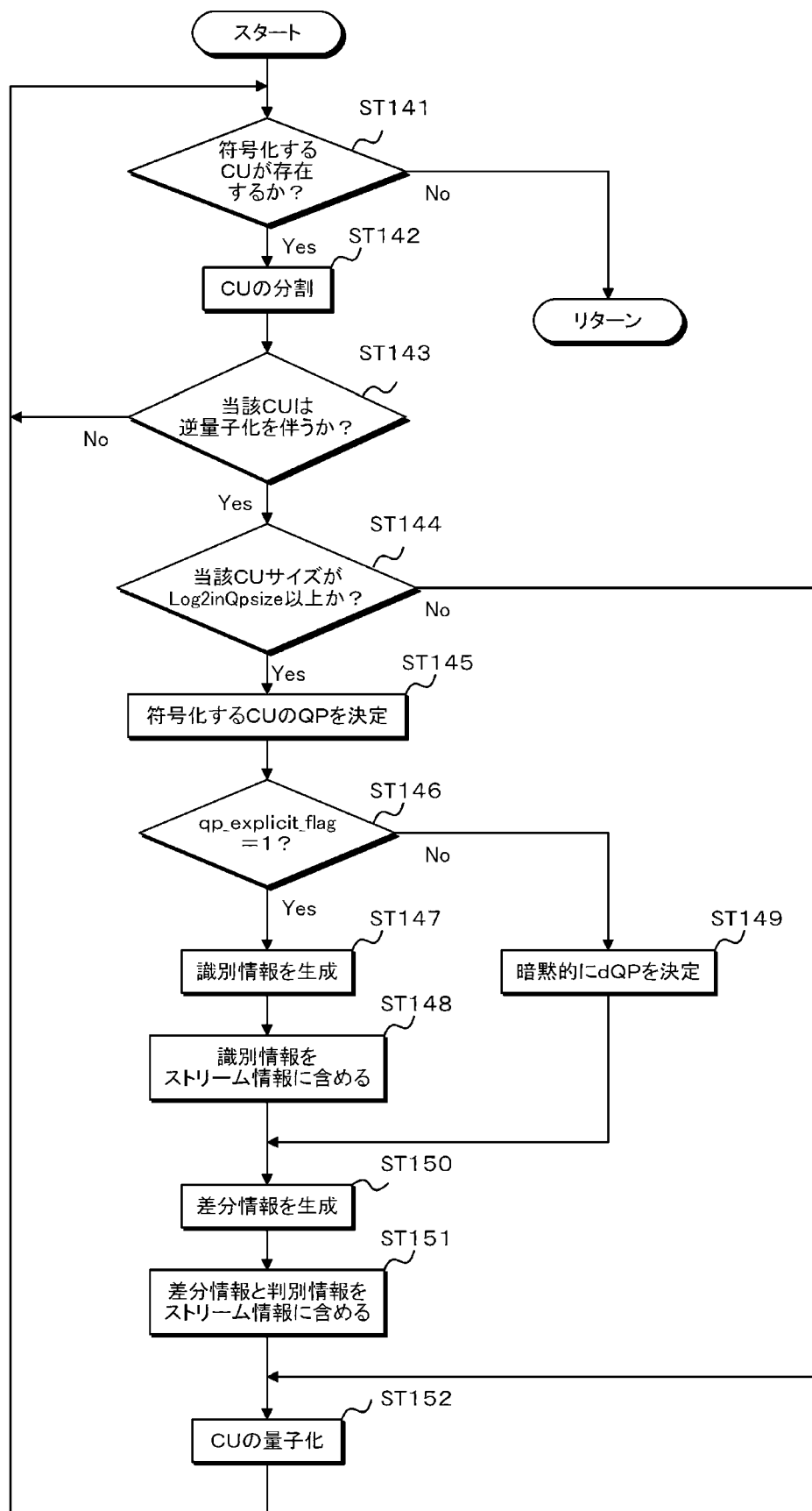
[図21]



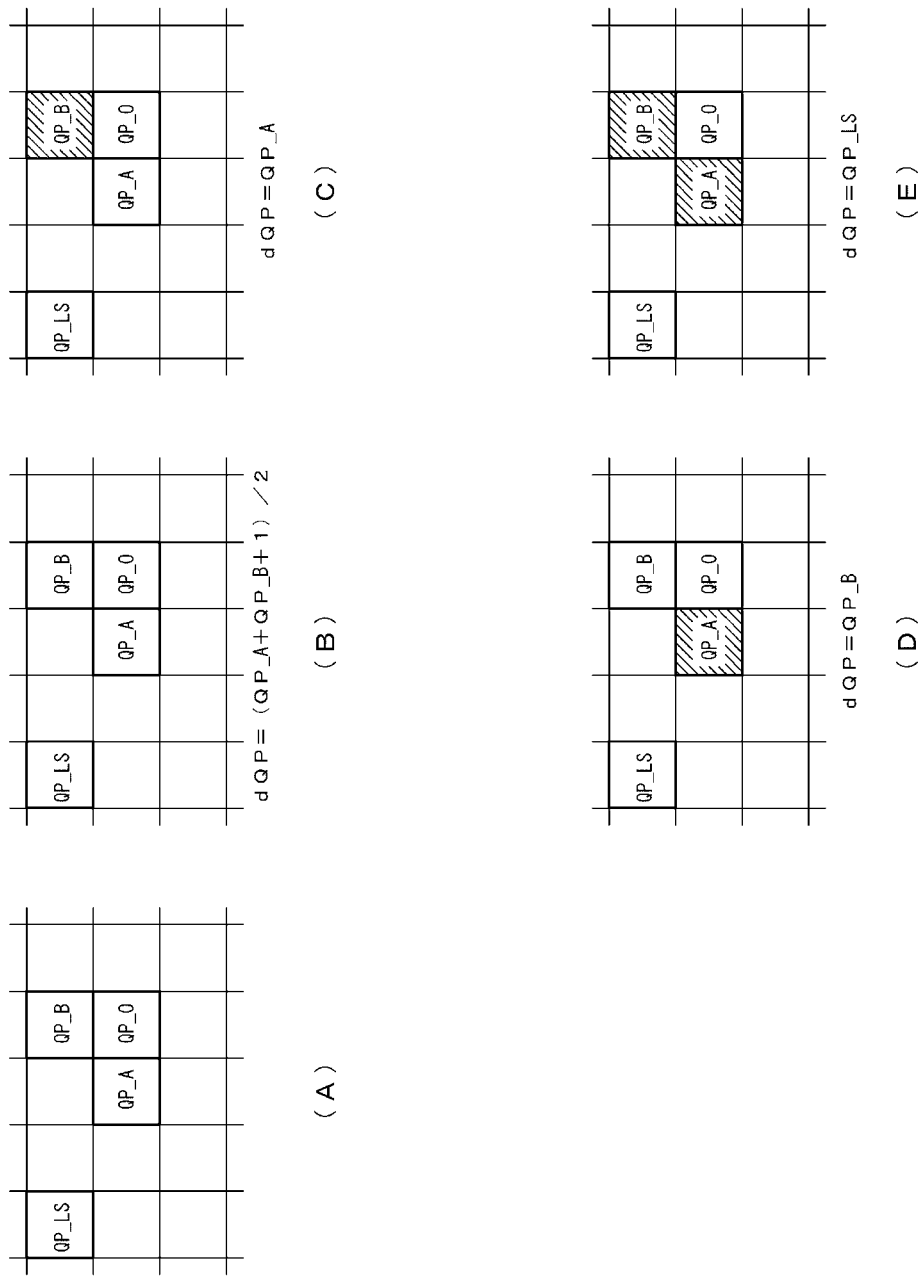
[図22]



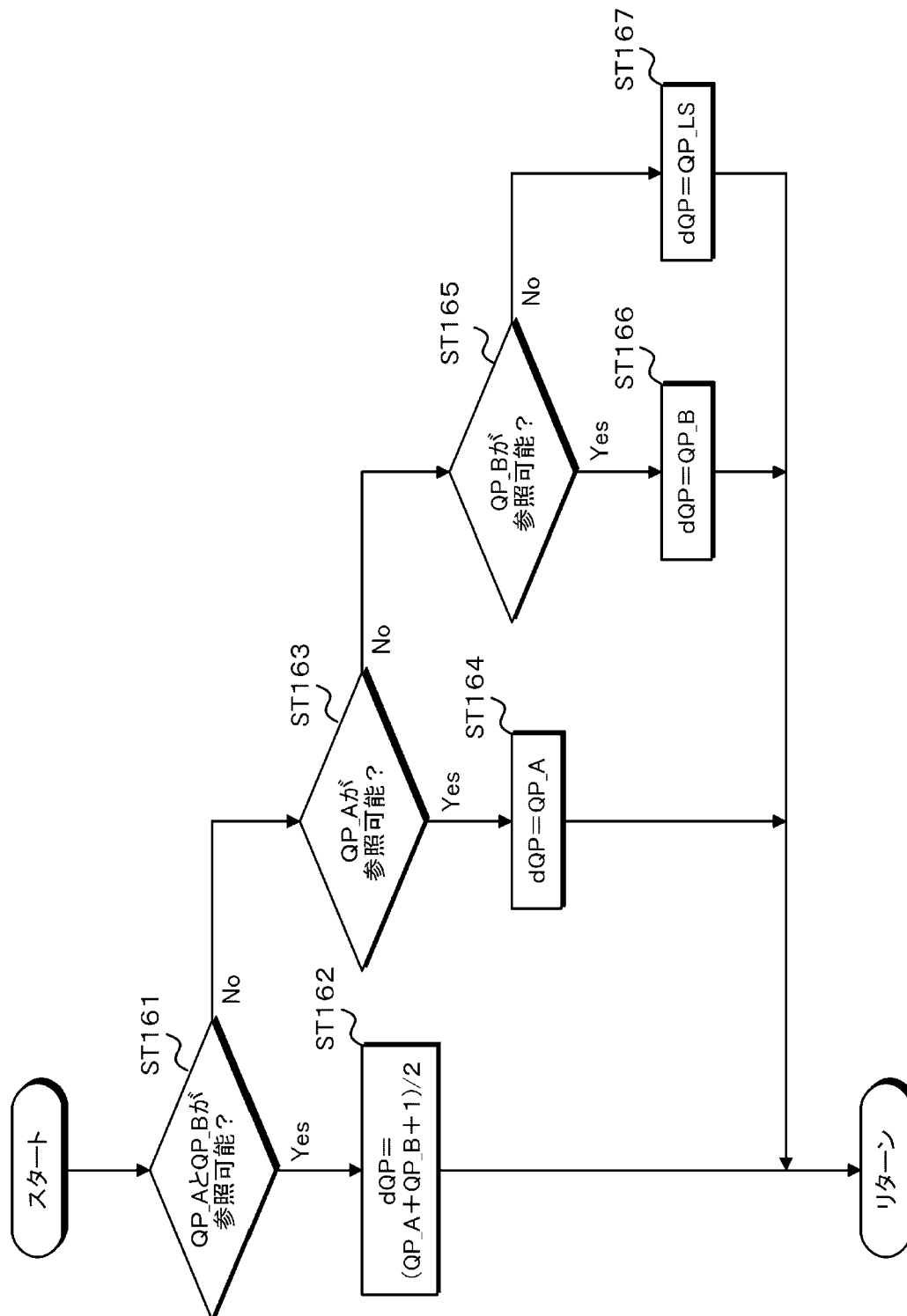
[図23]



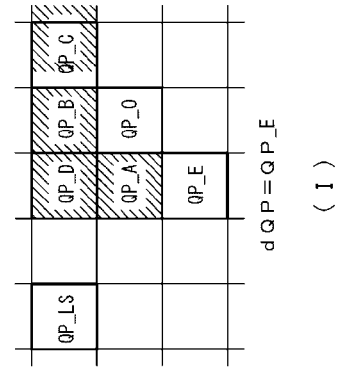
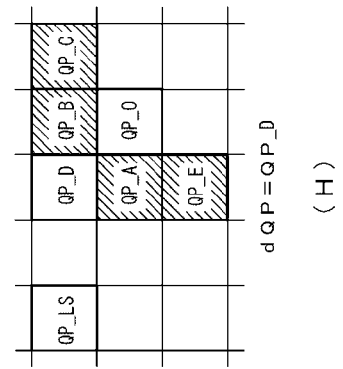
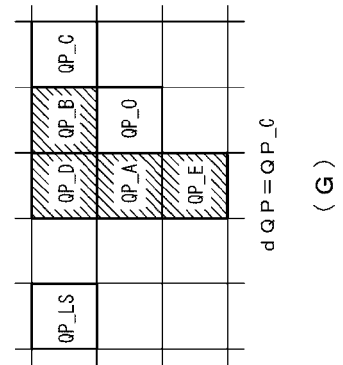
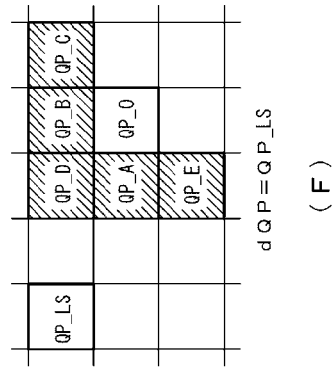
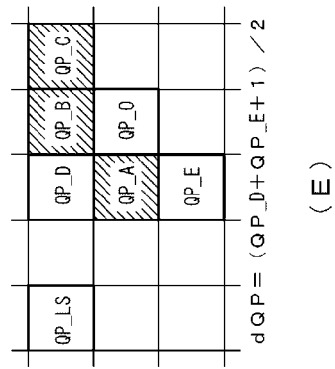
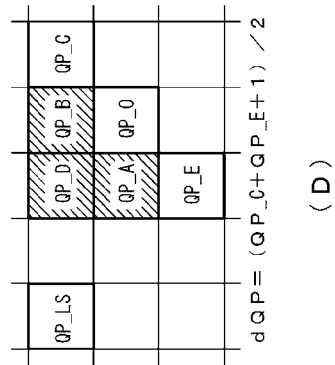
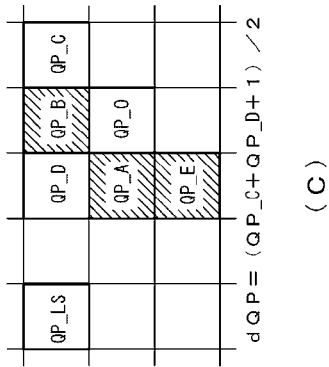
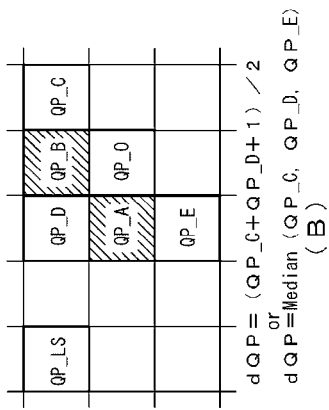
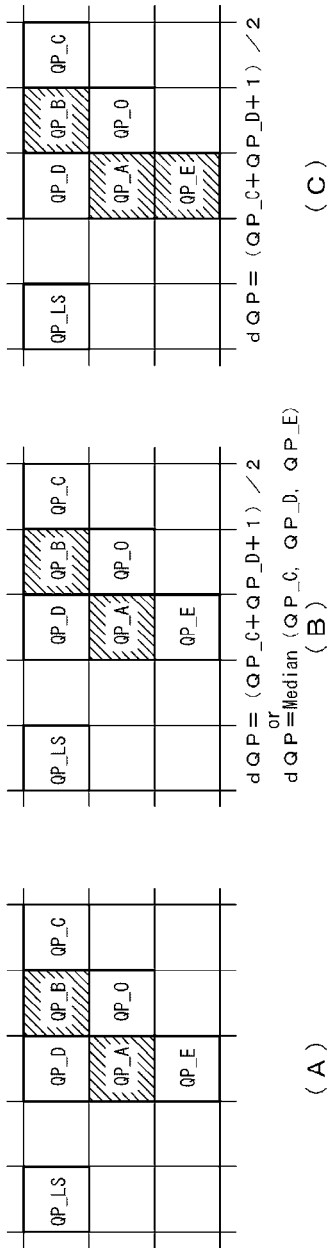
[図24]



[図25]



[図26]



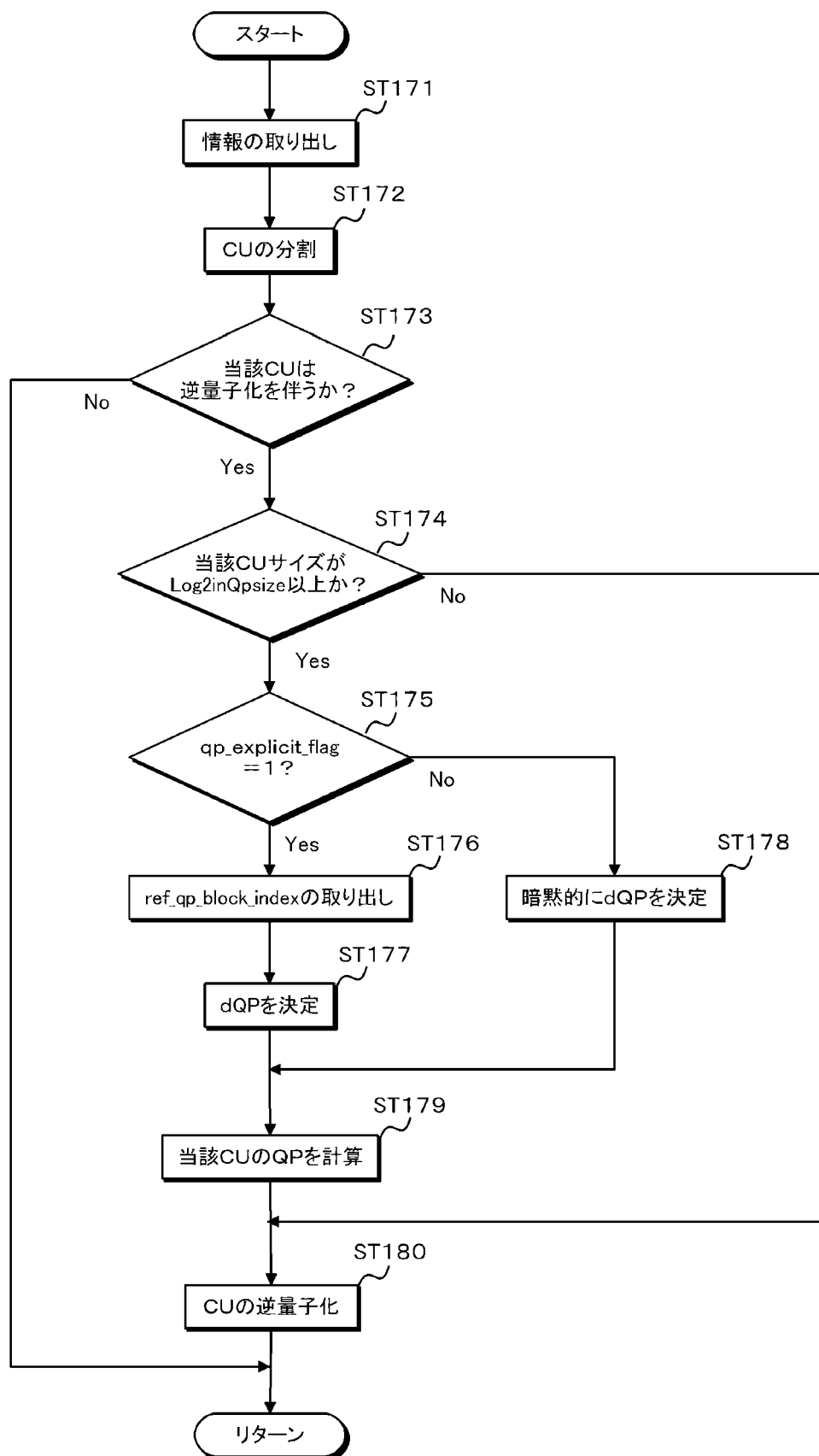
[図27]

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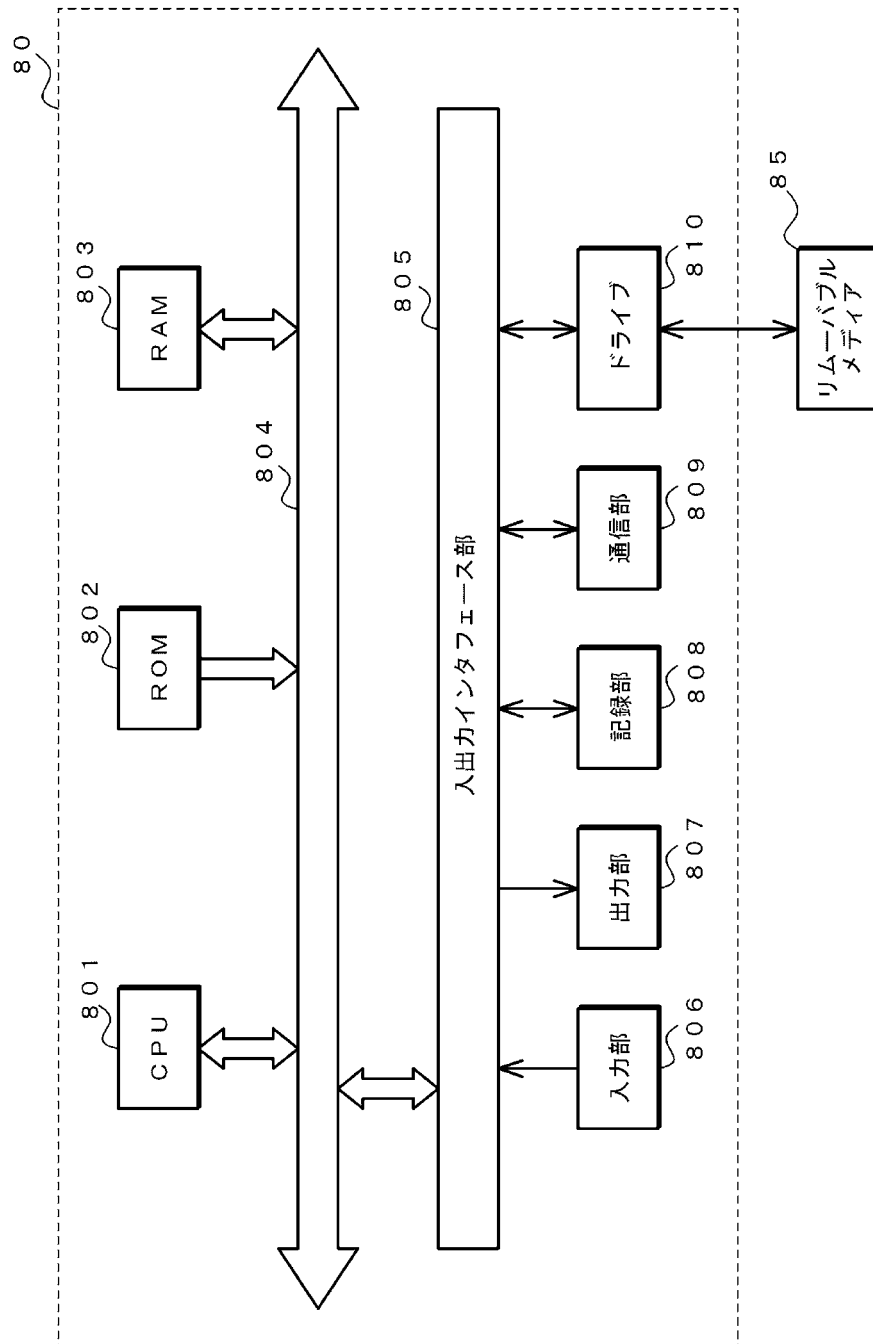
if ( left & above ) dQP = Avg.(QP_A, QP_B)
else if ( left ) dQP = QP_A
else if ( above ) dQP = QP_B
else if (above-left & above-right & below-left )
    dQP = Median or Avg.(QP_C, QP_D))
else if (above-left & above-right ) dQP = Avg.(QP_C, QP_D)
else if (above-right & below-left ) dQP = Avg.(QP_C, QP_E)
else if (above-left & below-left ) dQP = Avg.(QP_D, QP_E)
else dQP = QP_LS

```

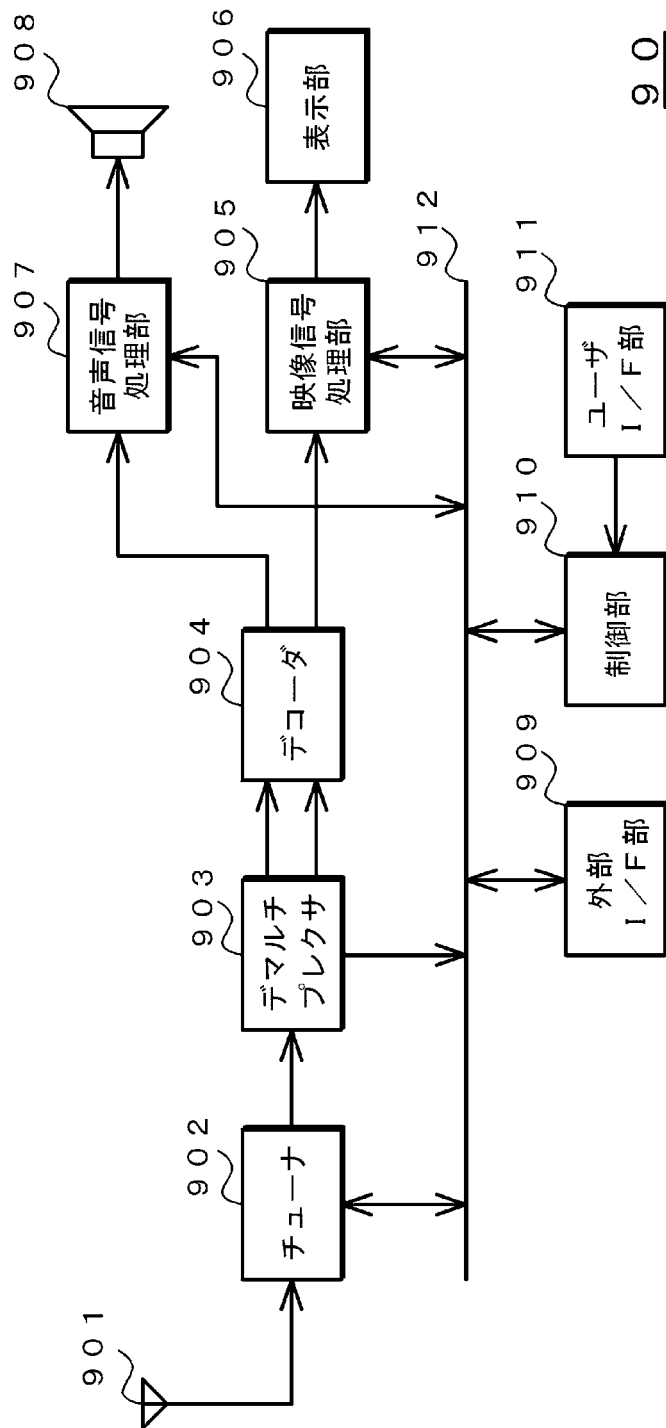
[図28]



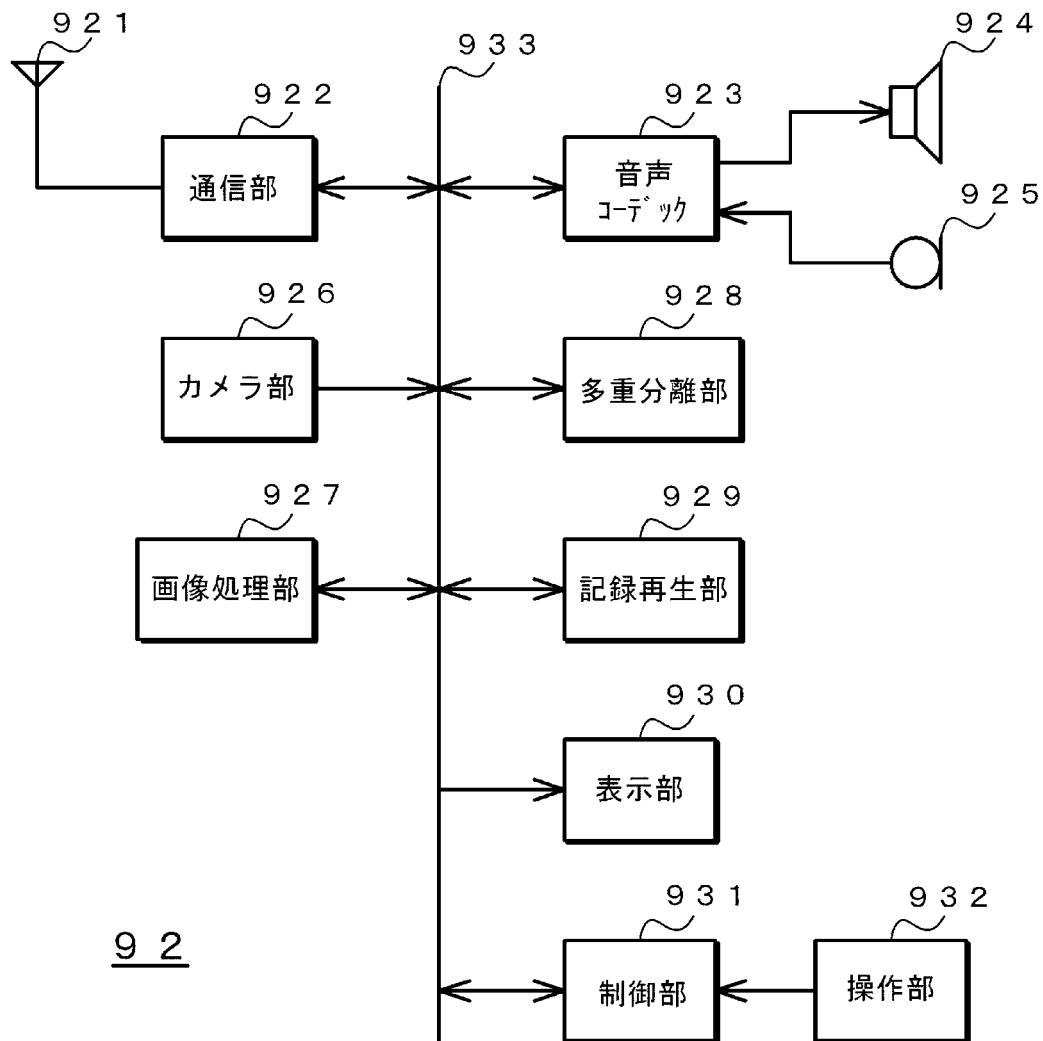
[図29]



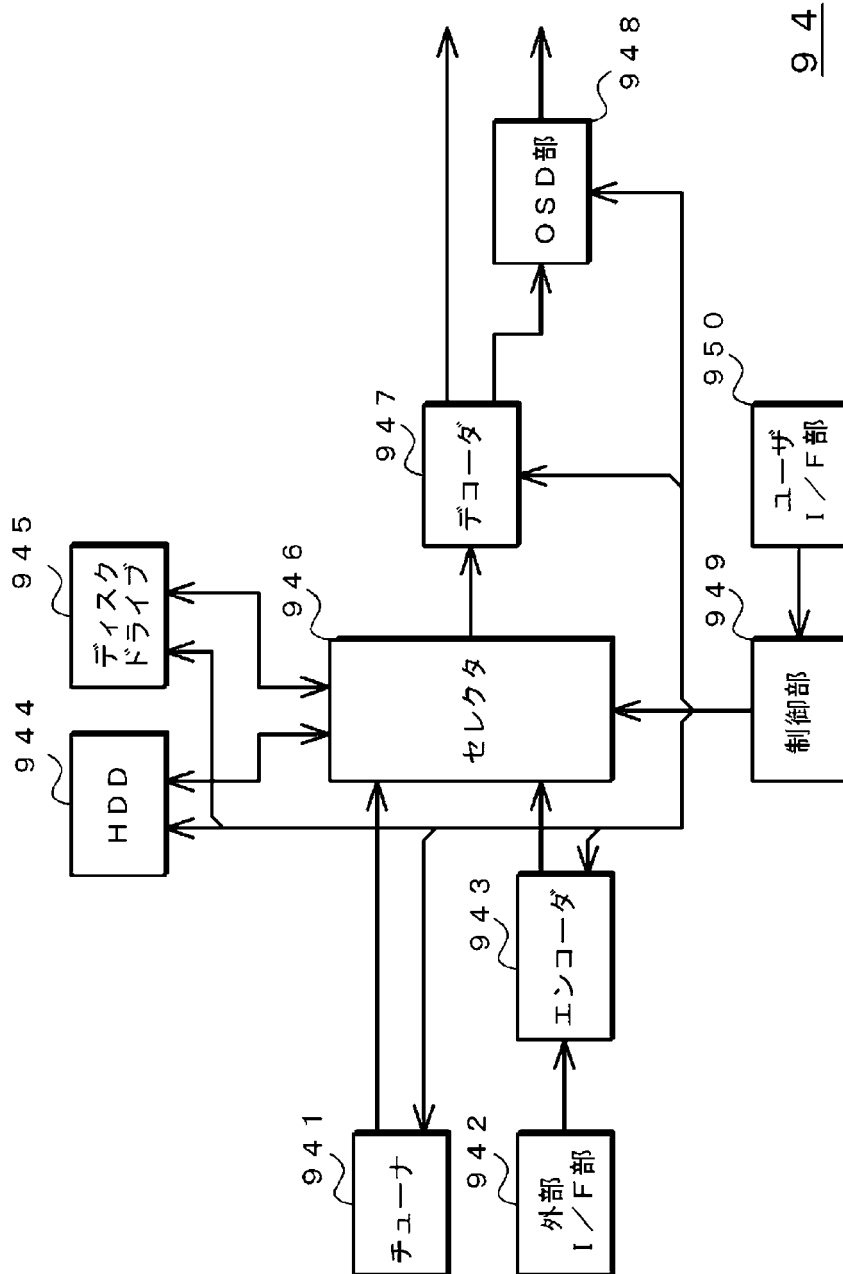
[図30]

90

[図31]



[図32]



[図33]

