

FIG.1

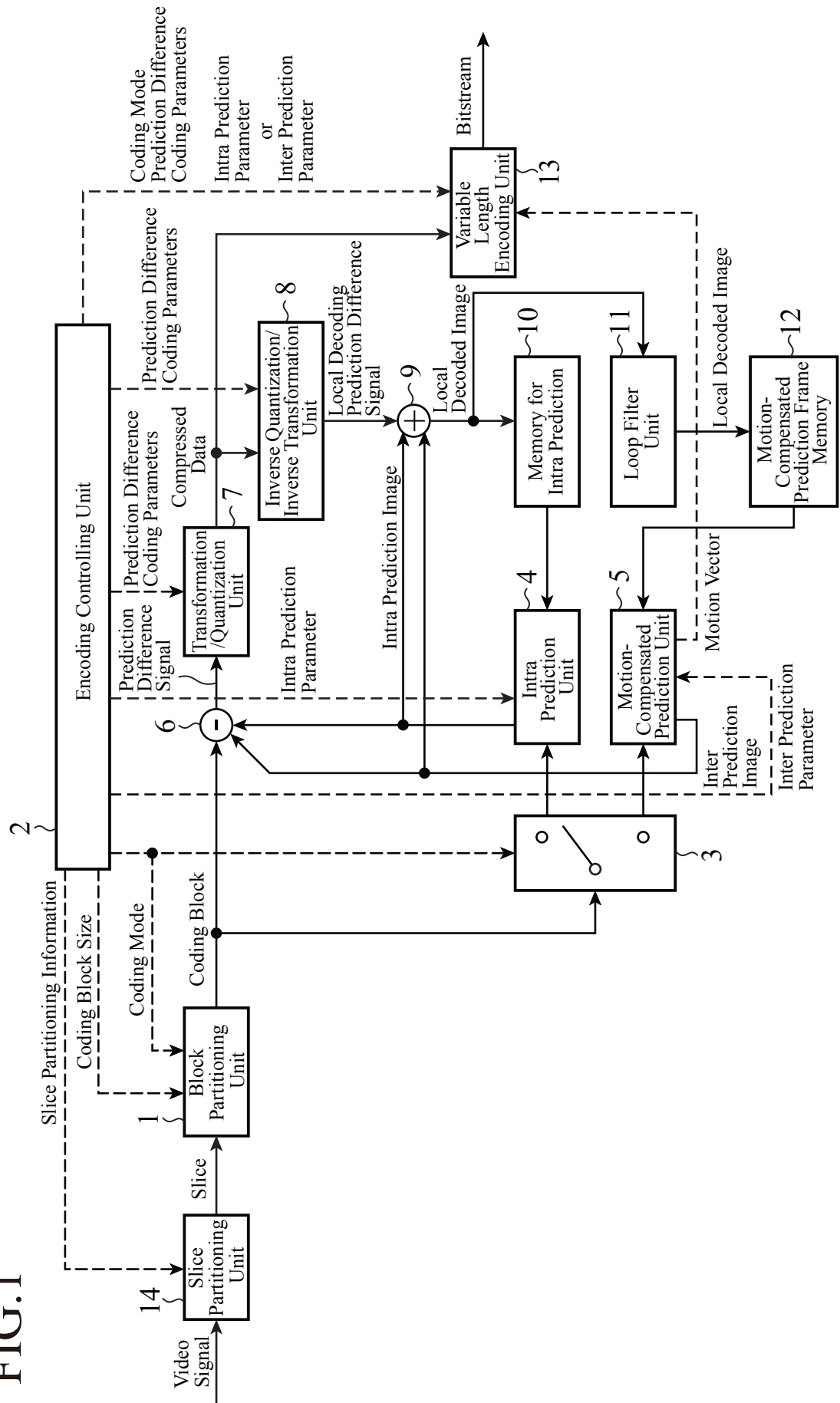


FIG.2

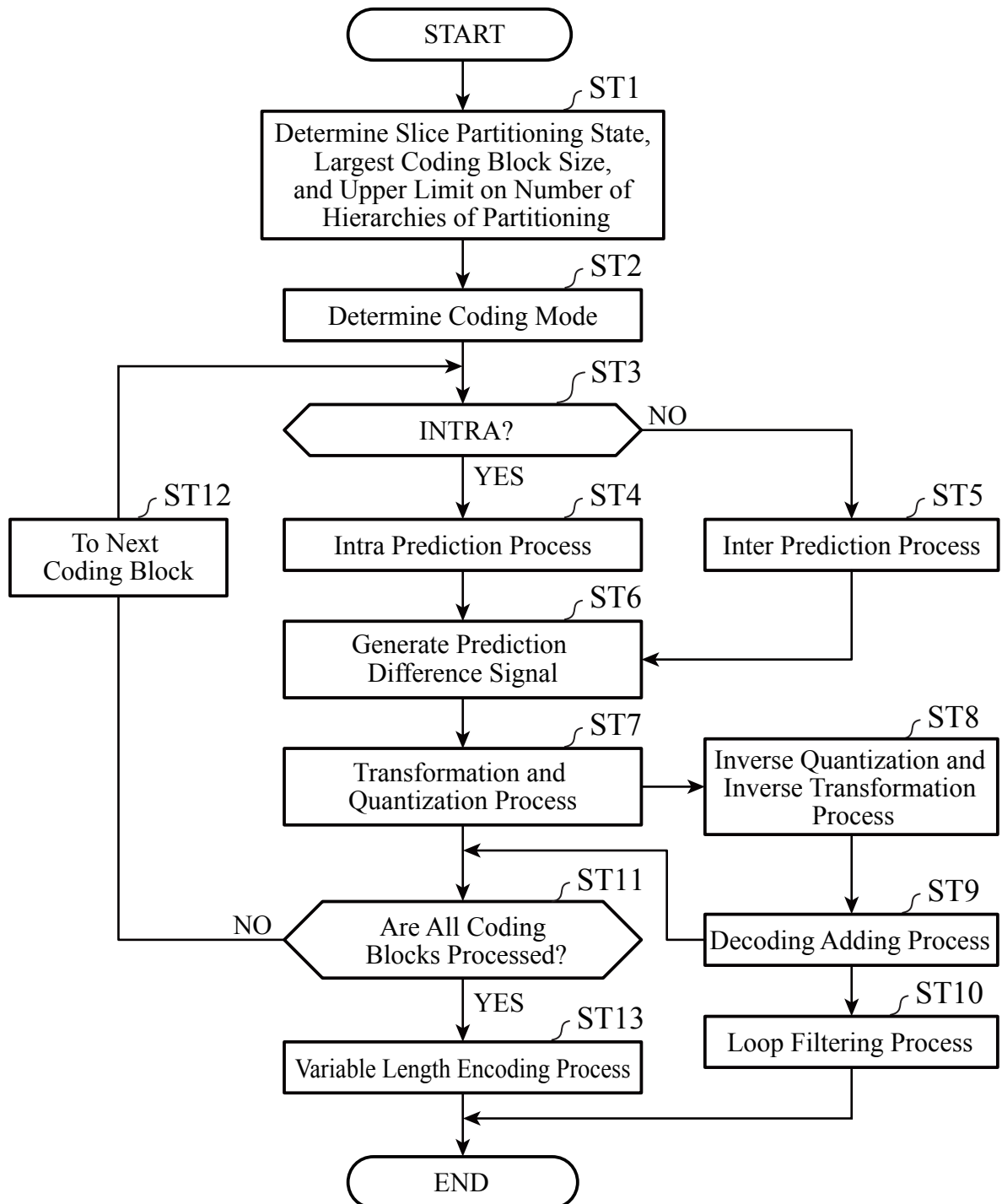


FIG.3

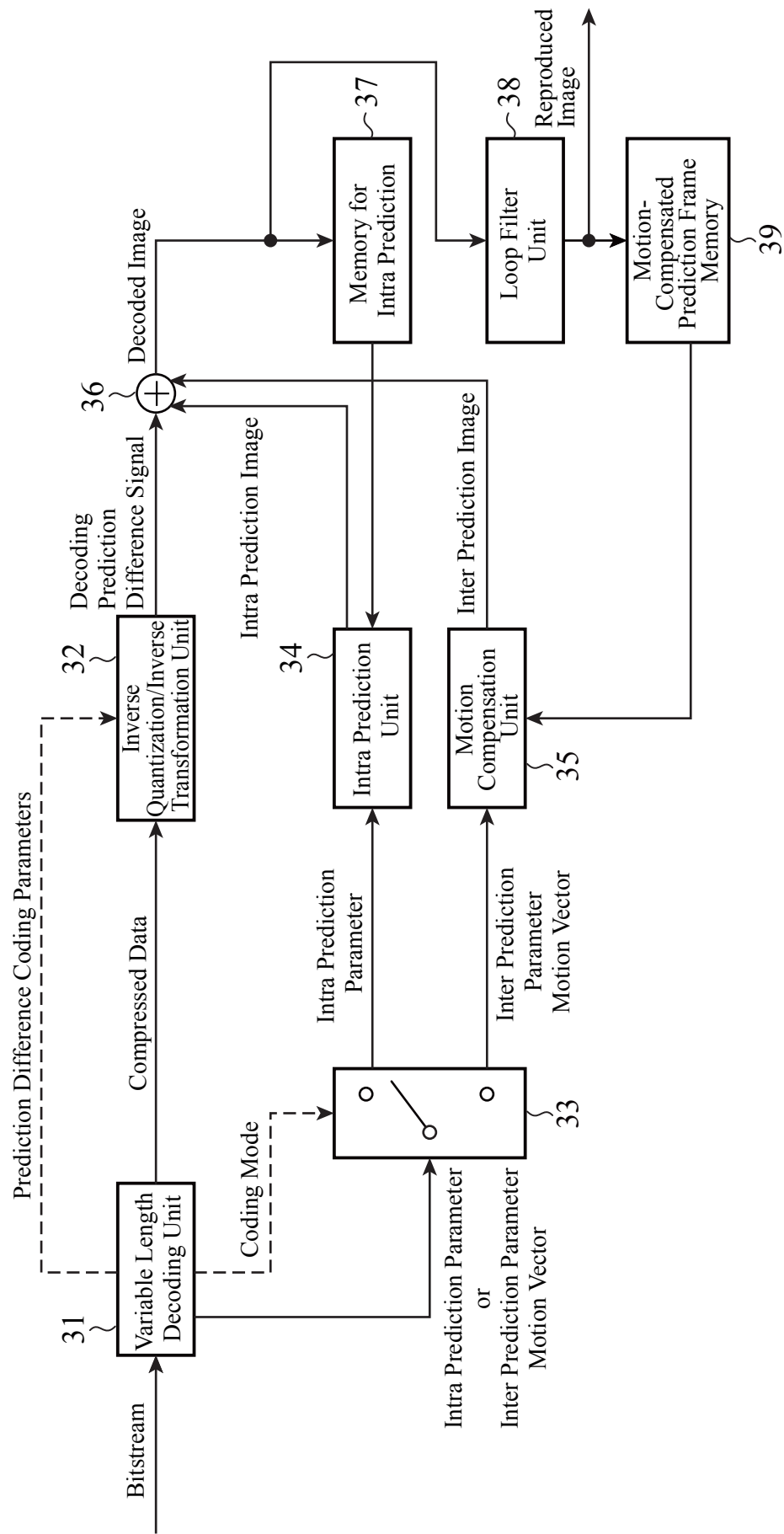


FIG.4

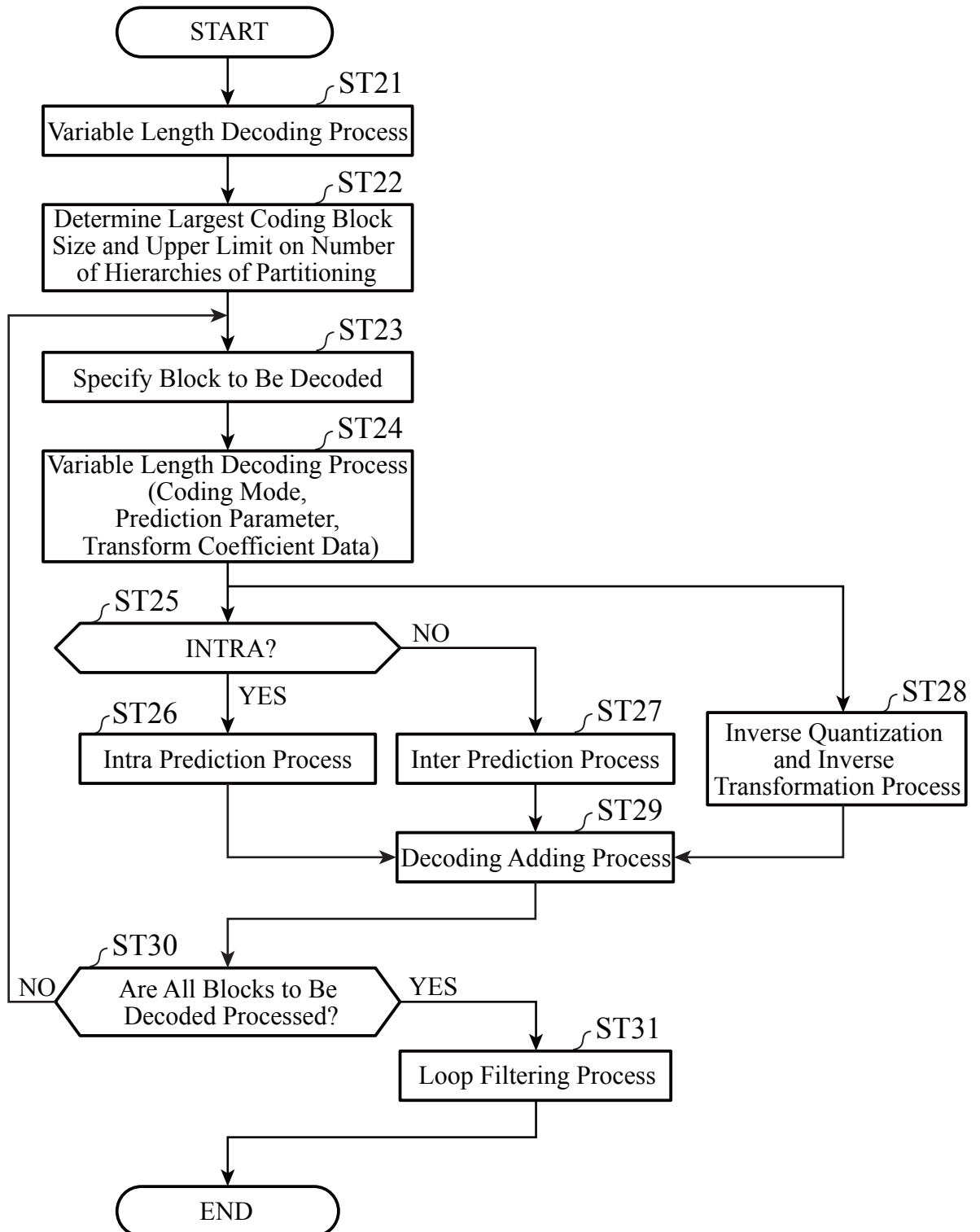


FIG.5

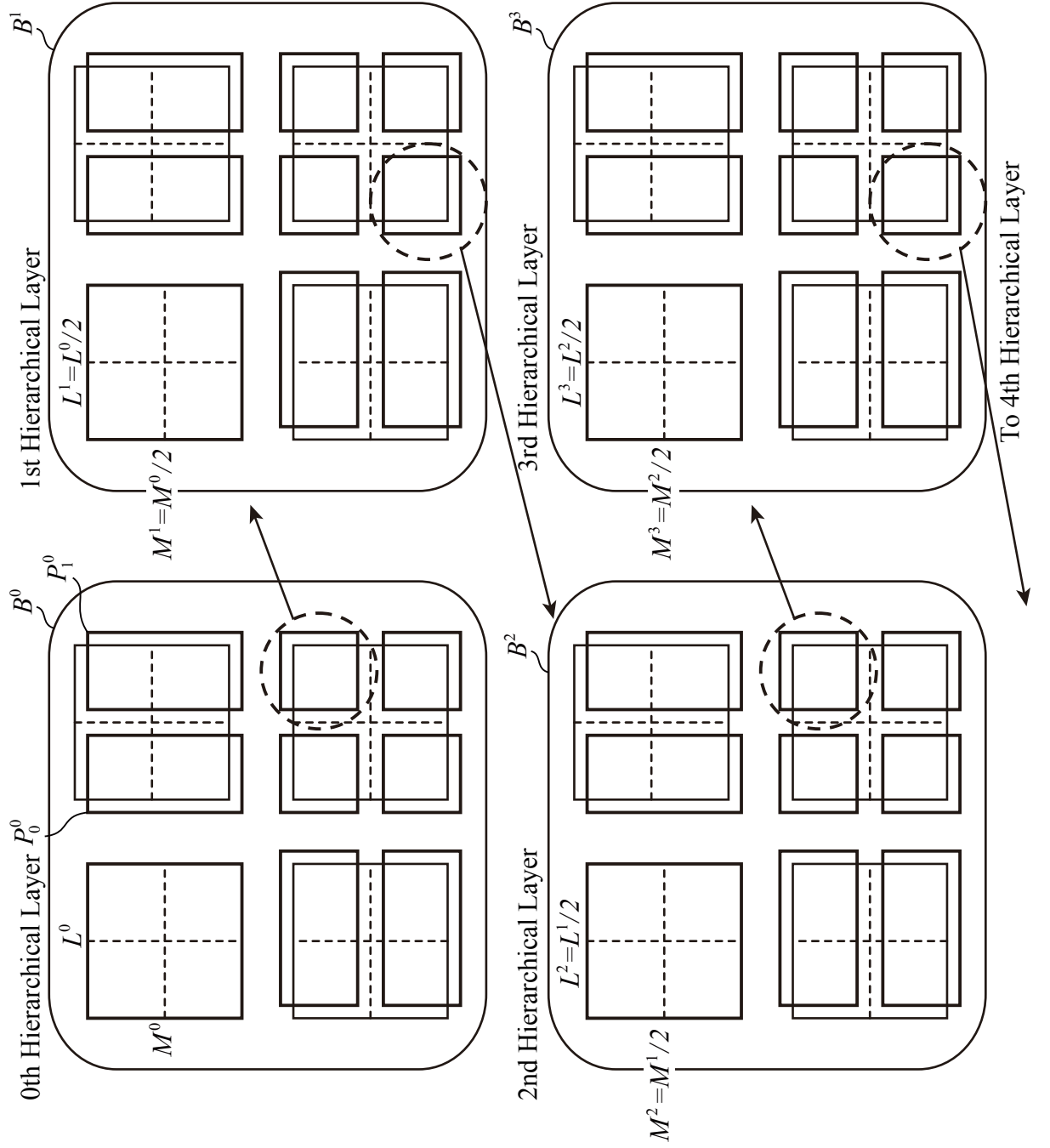


FIG.6

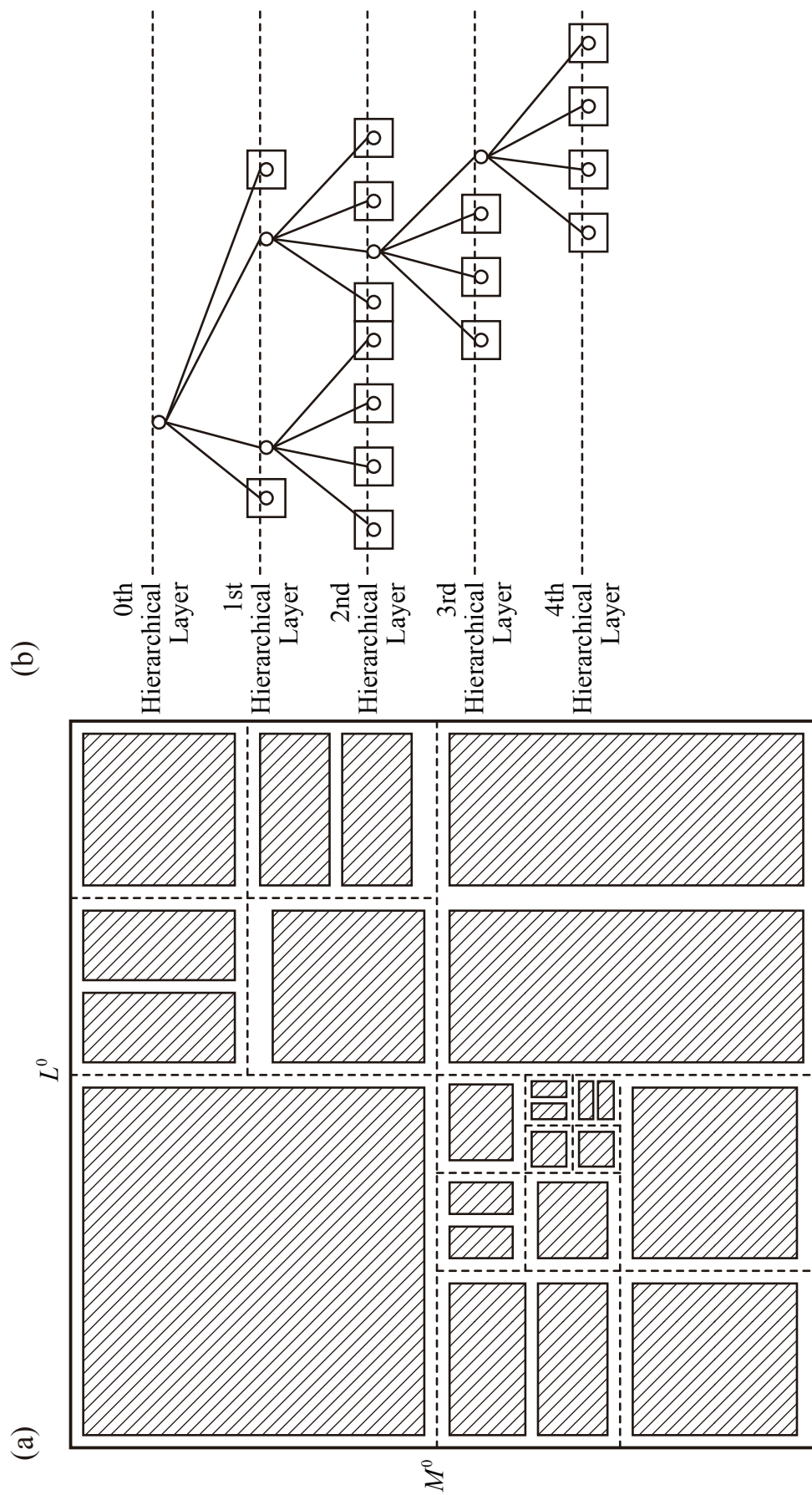


FIG.7

Intra Prediction Mode Index	Intra Prediction Mode
0	Planar Prediction
1	Vertical Prediction
2	Horizontal Prediction
3	Average (DC) Prediction
4 ~ N_I-1	Diagonal Prediction

N_I :Number of Intra Prediction Modes

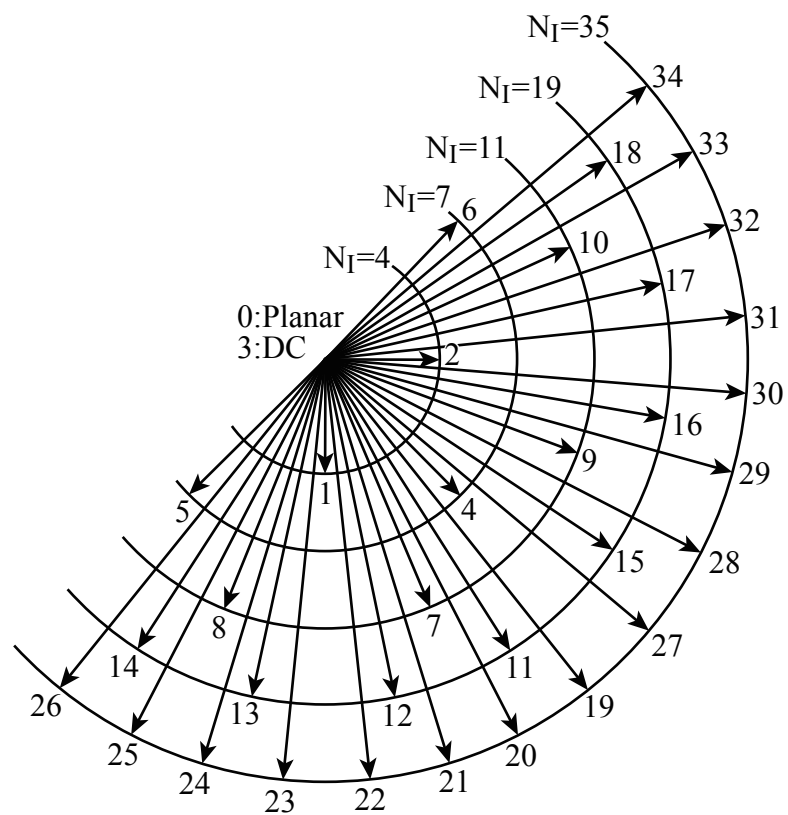


FIG.8

In Case of $l_i^n = m_i^n = 4$

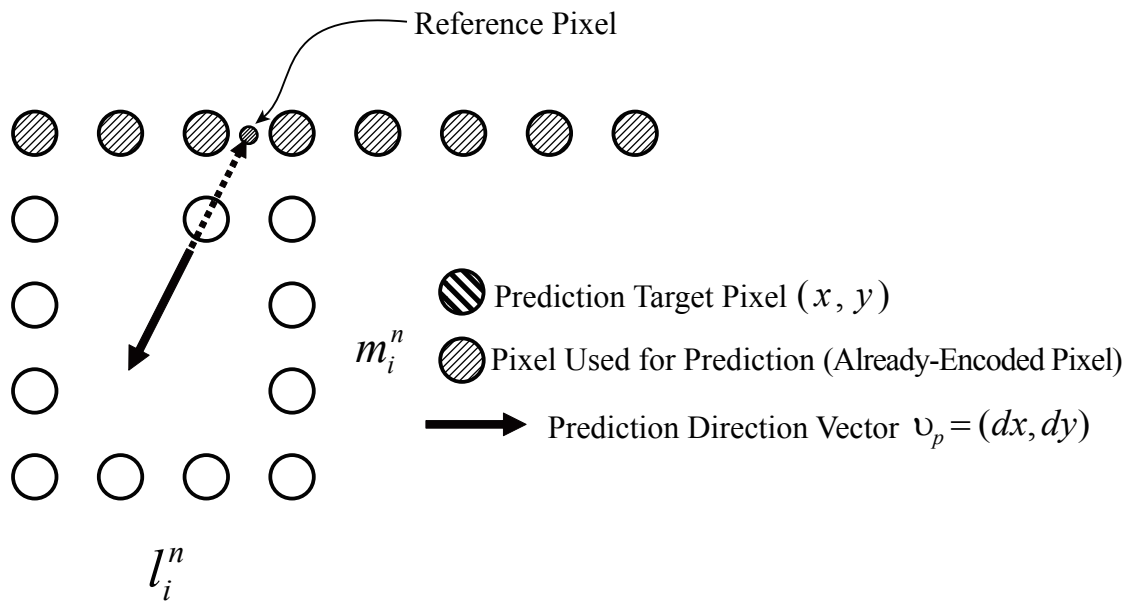


FIG.9

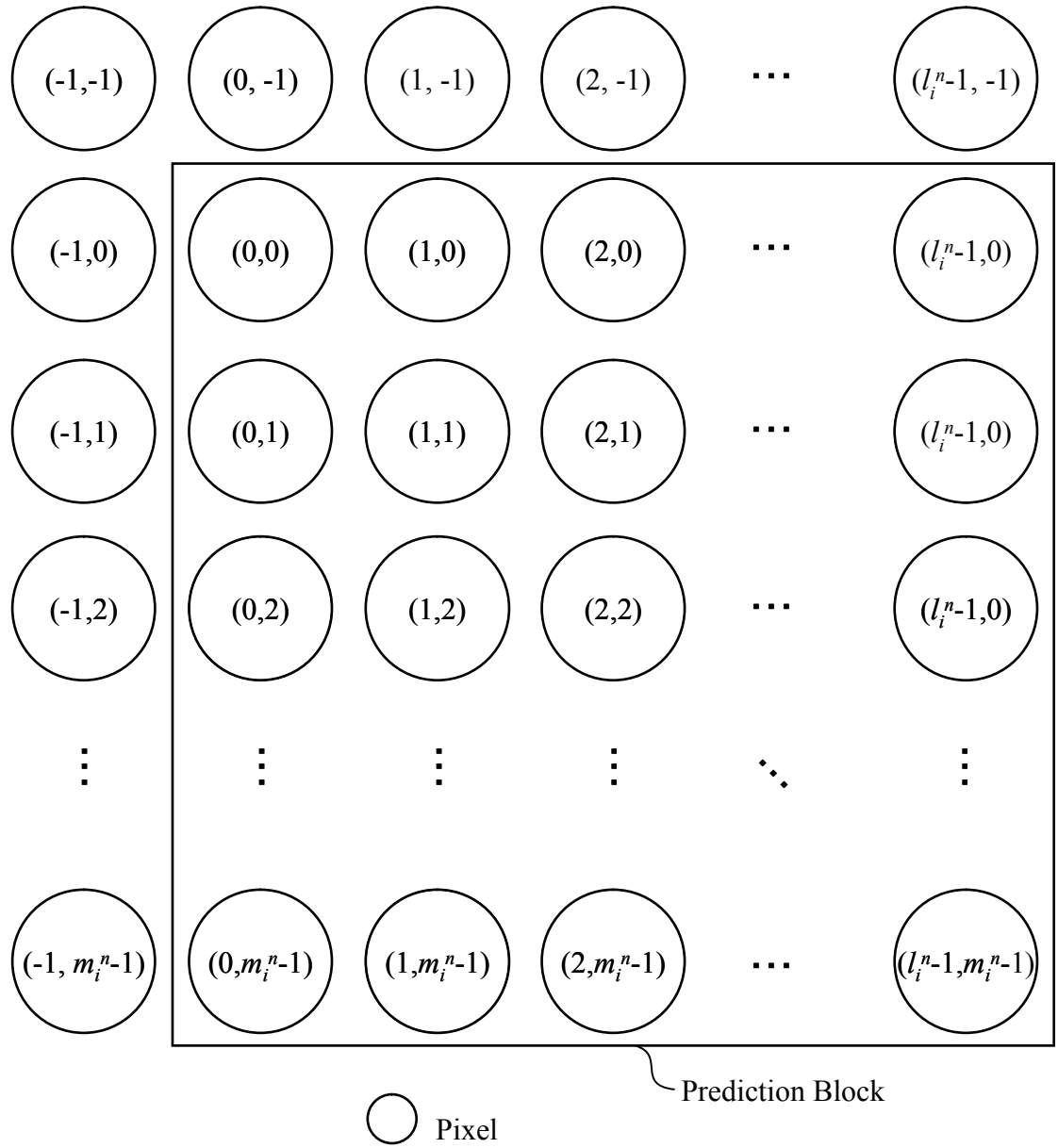


FIG.10

0	0	0	0	0	0	1	1
0	0	0	0	0	1	1	2
0	0	0	0	1	1	2	2
0	0	0	1	1	2	2	3
0	0	1	1	2	2	3	3
0	1	1	2	2	3	3	3
1	1	2	2	3	3	3	3
1	2	2	3	3	3	3	3

FIG.11

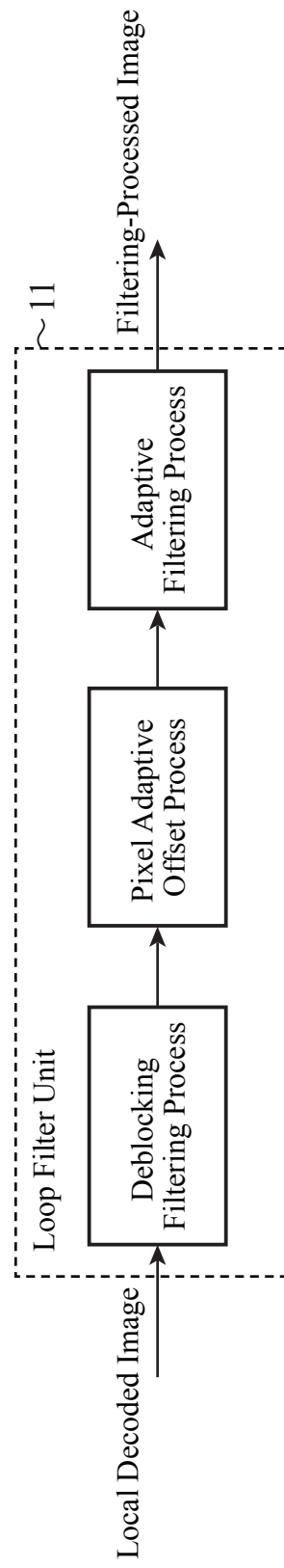


FIG.12

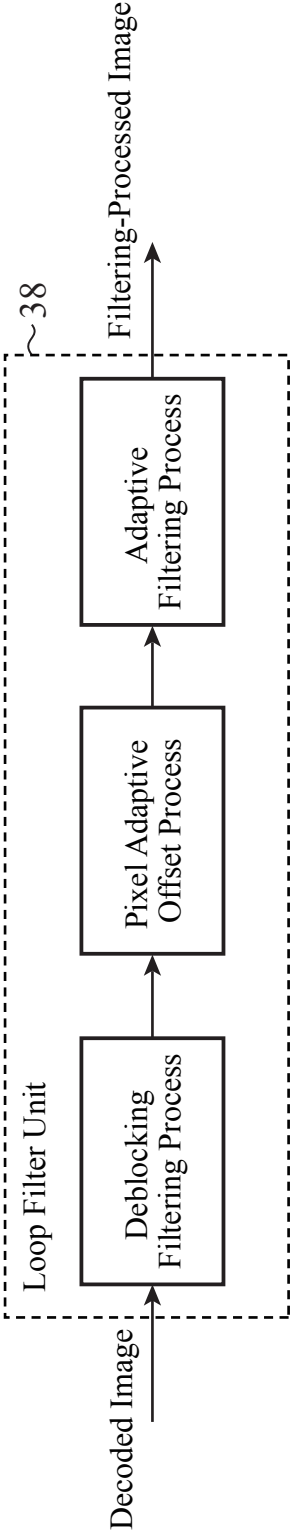


FIG.13

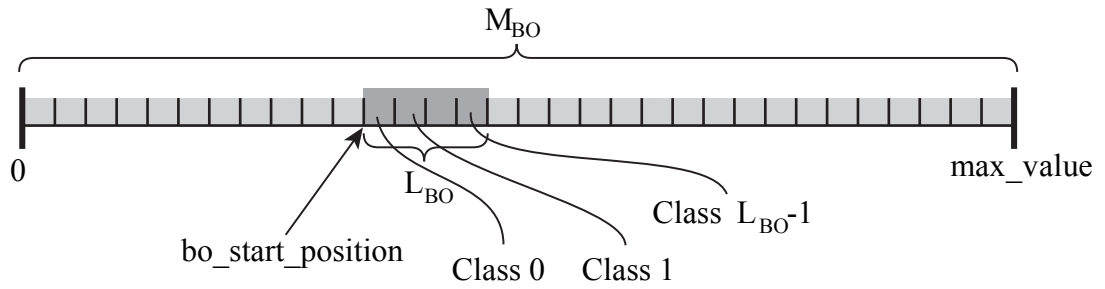
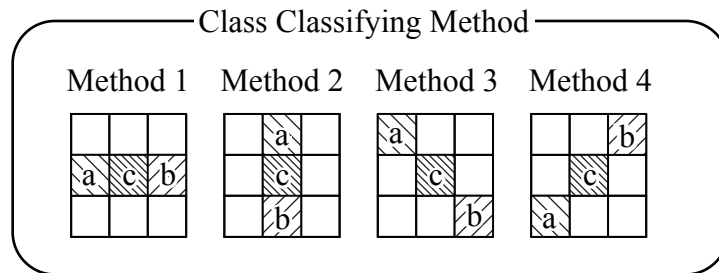


FIG.14



Classification Criteria in Each Class Classifying Method

Class	Criterion
1	$c < a \ \&\& \ c < b$
2	$(c < a \ \&\& \ c = b) \ \ (c < b \ \&\& \ c = a)$
3	$(c > a \ \&\& \ c = b) \ \ (c > b \ \&\& \ c = a)$
4	$c > a \ \&\& \ c > b$
0	Other than Classes 1 to 4

a, b, c: Brightness Value of Each Pixel

FIG.15

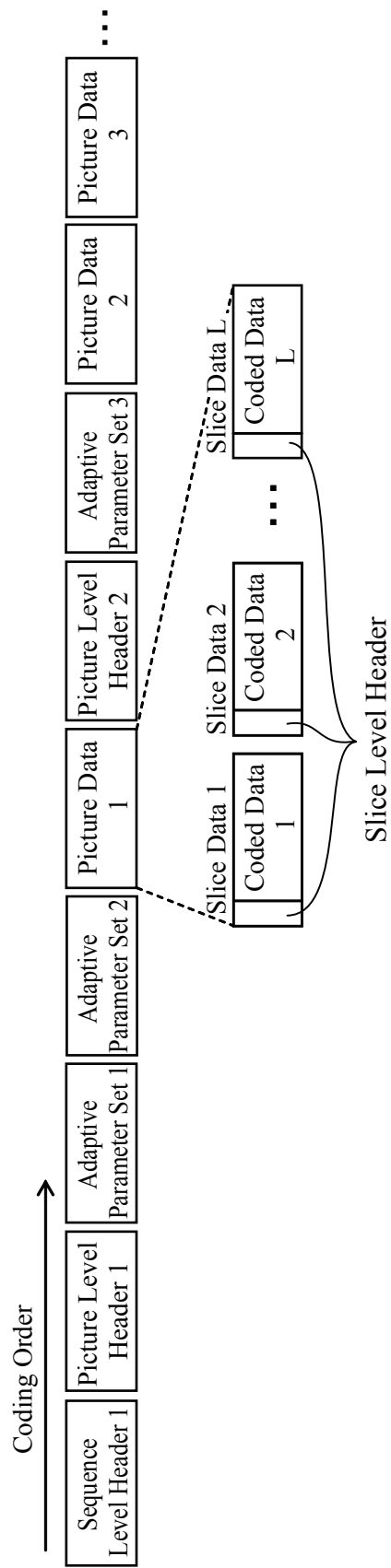


FIG.16

Index	Class Classifying Method
0	No Offset Process
1	EO Method 1
2	EO Method 2
3	EO Method 3
4	EO Method 4
5	BO Method

FIG.17

Index	Offset Value				
	Class 0	Class 1	Class 2	Class 3	Class 4
0	0	1	0	0	-1
1	0	2	1	-1	-2
2	0	3	1	-1	-3
3	0	4	2	-2	-4

FIG.18



FIG.19

Bit Depth : 8

Index	Offset Value				
	Class 0	Class 1	Class 2	Class 3	Class 4
0	0	1	0	0	-1

Bit Depth : 9

Index	Offset Value				
	Class 0	Class 1	Class 2	Class 3	Class 4
0	0	1	0	0	-1
1	0	2	1	-1	-2

Bit Depth : 10

Index	Offset Value				
	Class 0	Class 1	Class 2	Class 3	Class 4
0	0	1	0	0	-1
1	0	2	1	-1	-2
2	0	3	1	-1	-3
3	0	4	2	-2	-4

FIG.20

8 Bits

9 Bits

10 Bits

Index	Offset Value				
	Class 0	Class 1	Class 2	Class 3	Class 4
0	0	1	0	0	-1
1	0	2	1	-1	-2
2	0	3	1	-1	-3
3	0	4	2	-2	-4

FIG.21

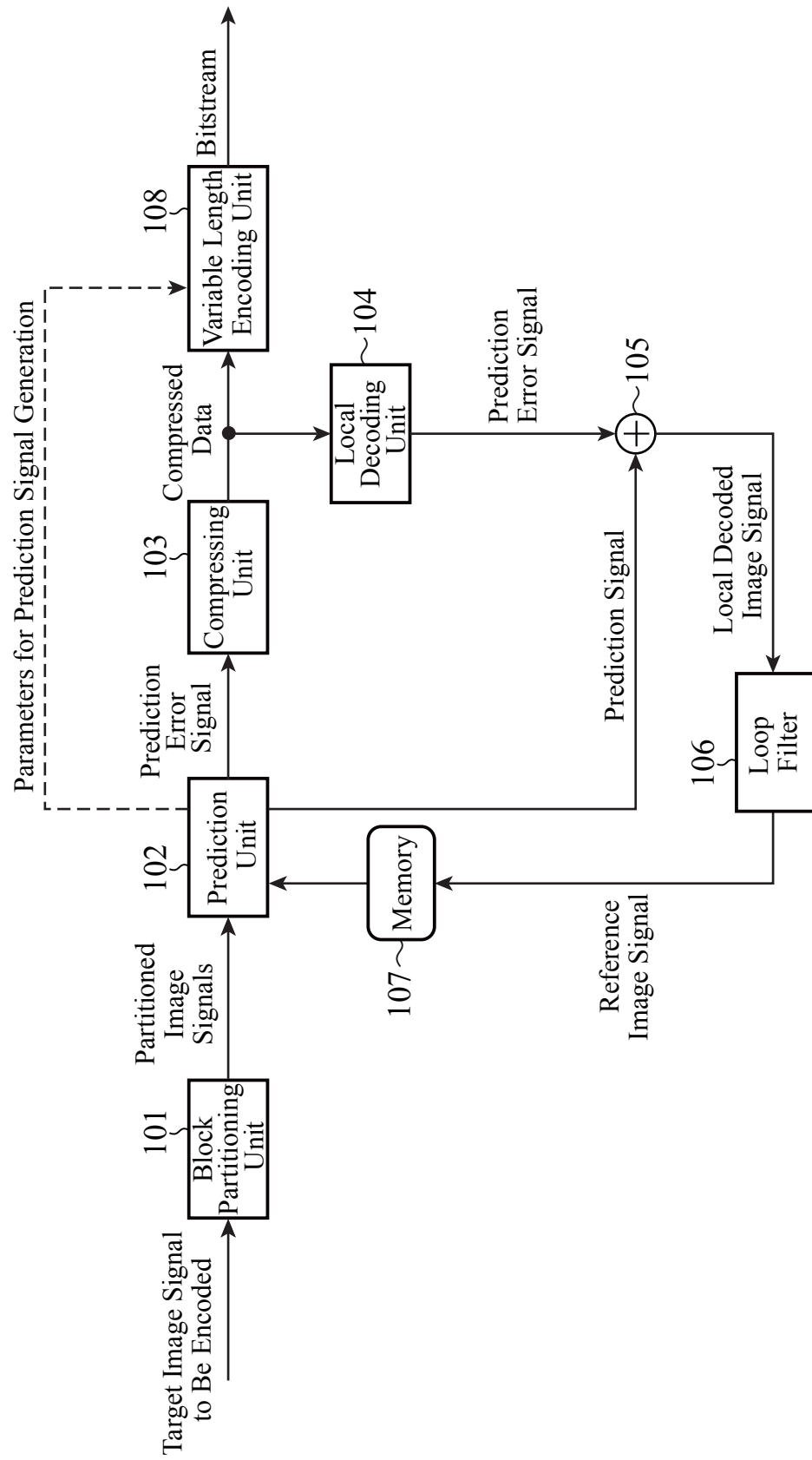


FIG.22

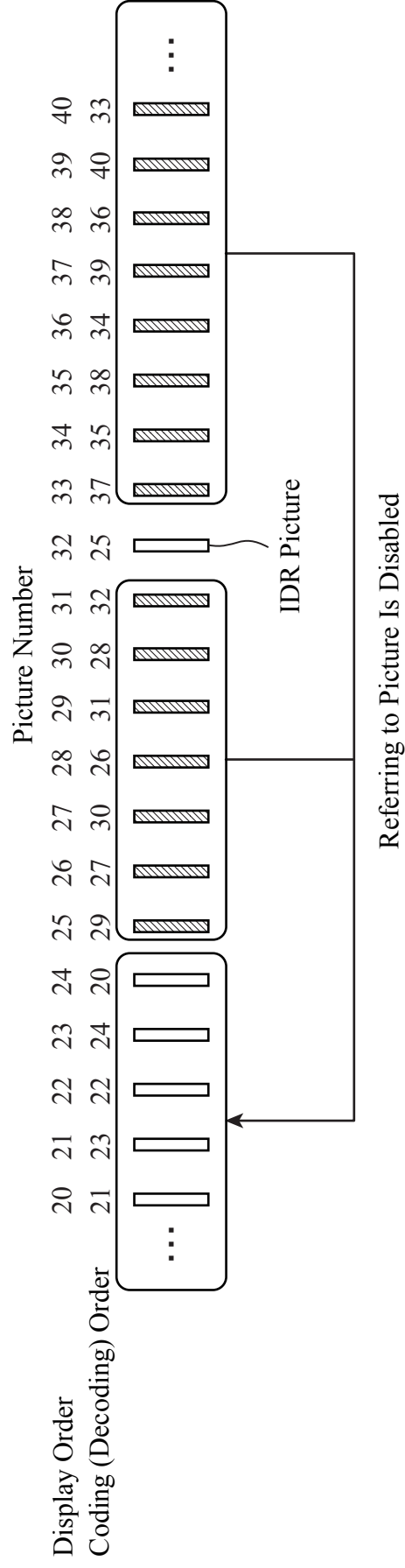


FIG.23

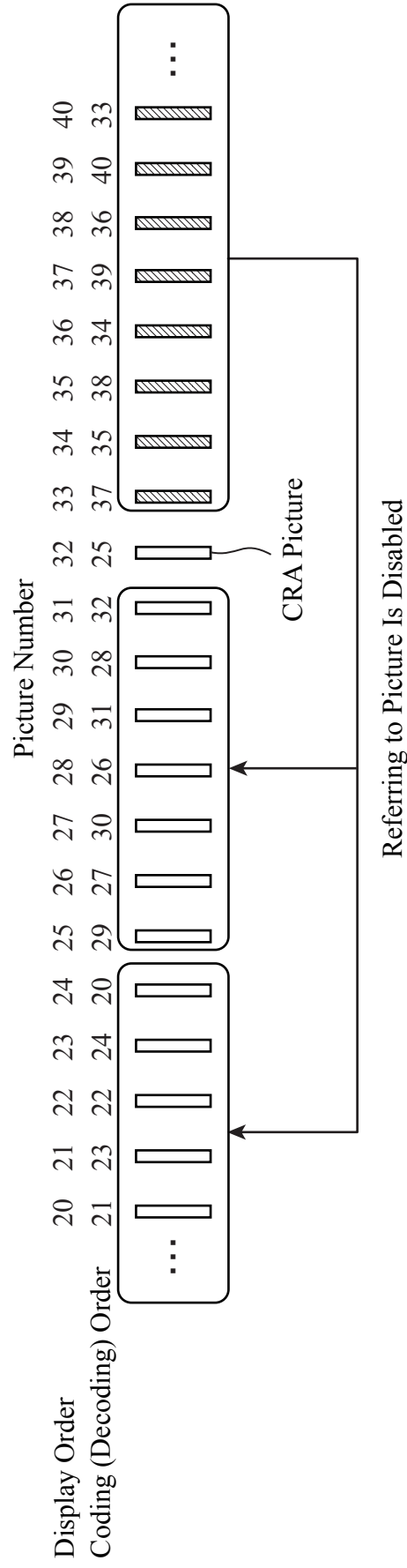


FIG.24

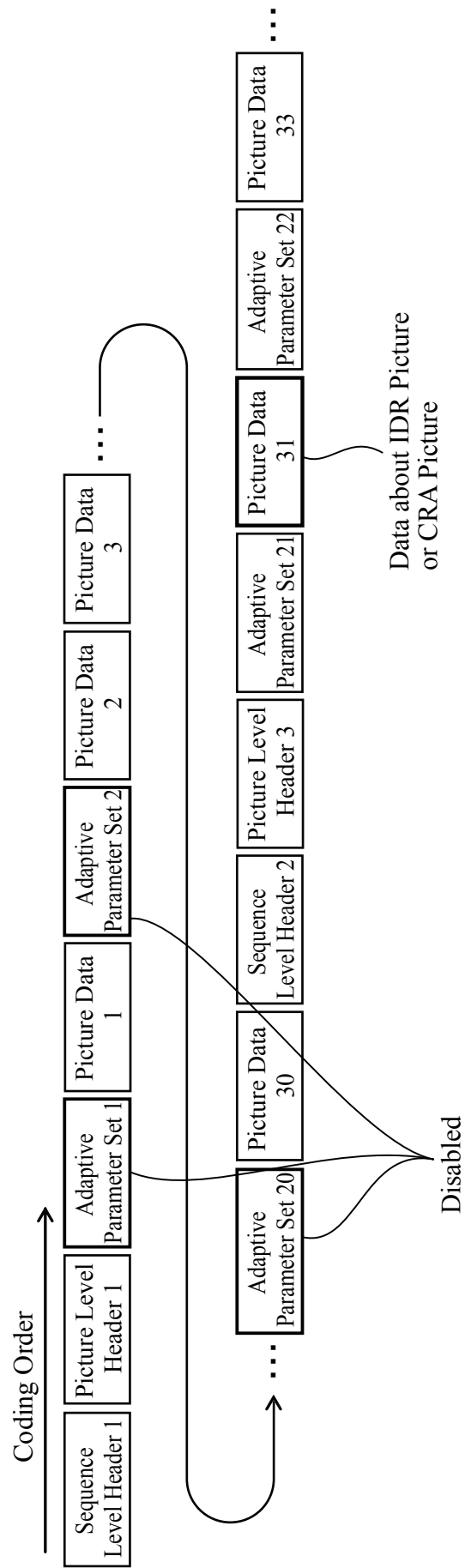


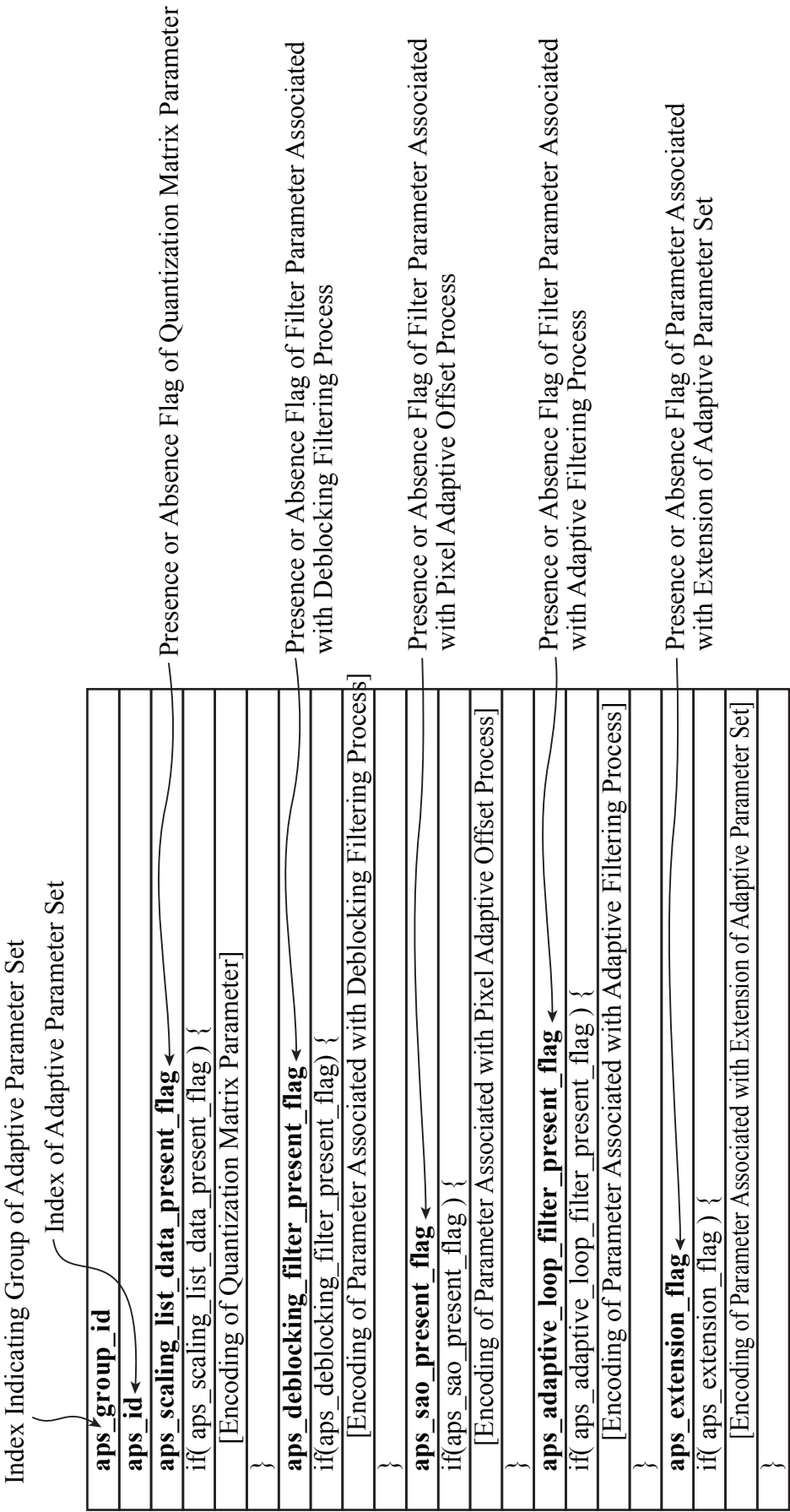
FIG.25

Target Symbol to Be Encoded	Output Code Word				
0	0				
1	1	0			
2	1	1	0		
3	1	1	1	0	
4	1	1	1	1	0
5	1	1	1	1	1

FIG.26

Target Symbol to Be Encoded	Output Code Word					
0	0					
1	1	0				
2	1	1	0			
3	1	1	1	0		
4	1	1	1	1	0	
5	1	1	1	1	1	0
⋮	⋮					

FIG.27



* Bold Letter Shows Syntax to Be Encoded

FIG.28

