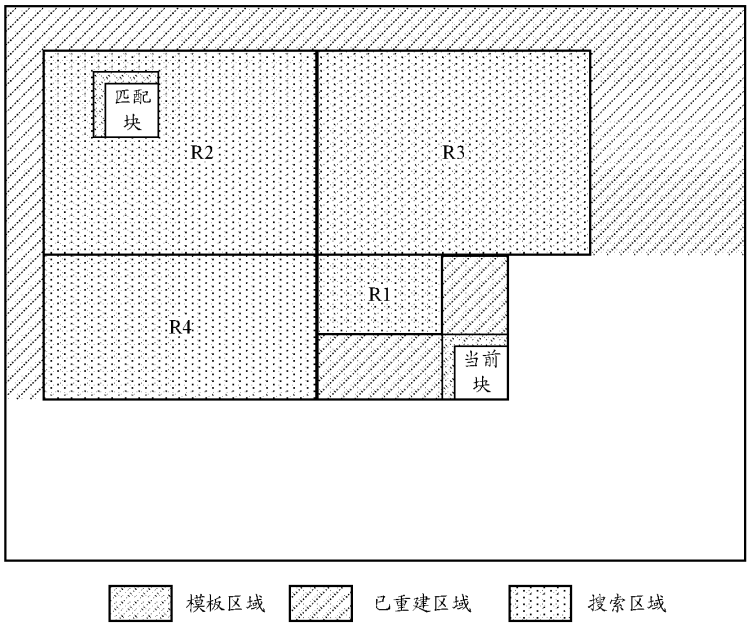

匹配块
R2
R3
R1
R4
当前块
模板区域
已重建区域
搜索区域

图 1

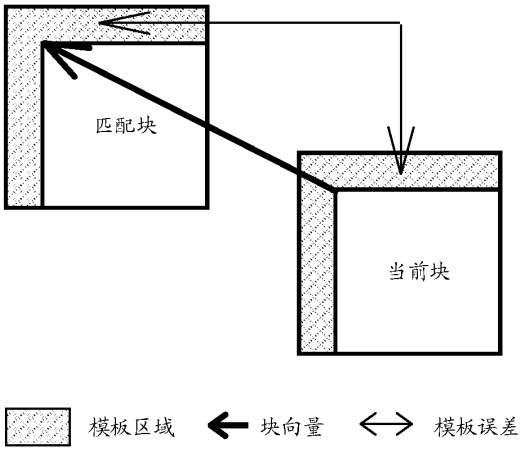

匹配块
当前块
模板区域
块向量
模板误差

图 2

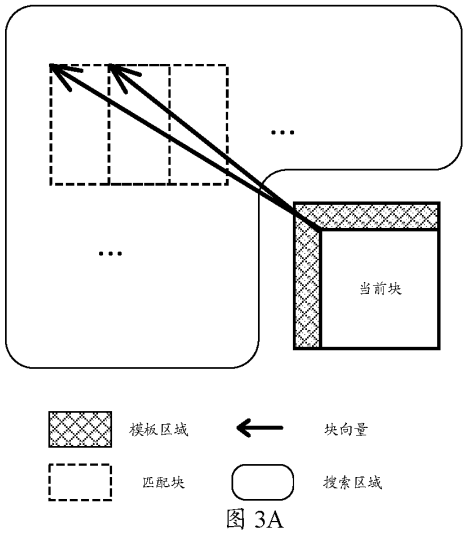

当前块
模板区域
块向量
匹配块
搜索区域

图 3A

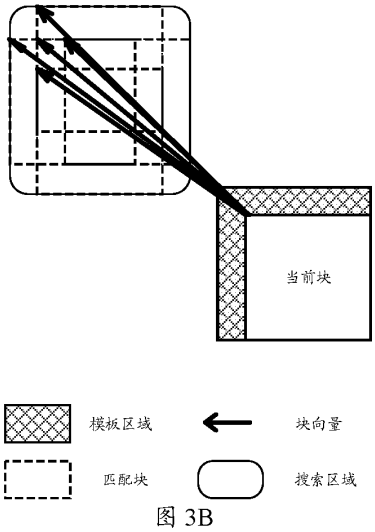

当前块
模板区域
块向量
匹配块
搜索区域

图 3B

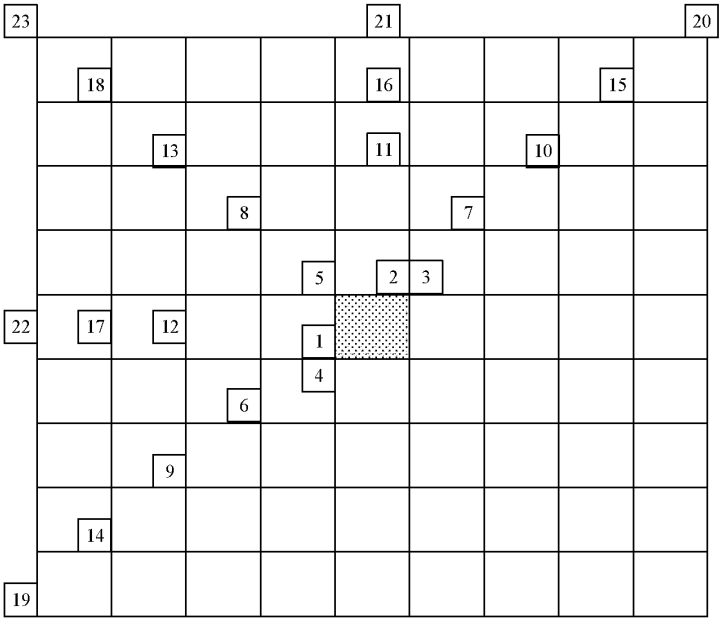

23
21
20
18
16
15
13
11
10
8
7
5
2
3
22
17
12
1
4
6
9
14
19

图 4

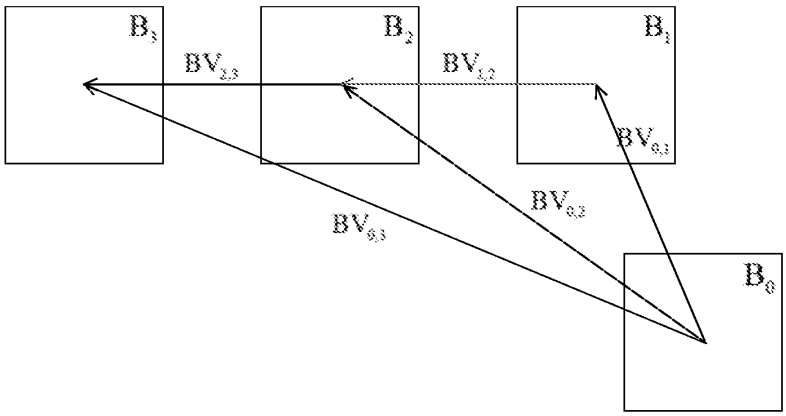

B_3
B_2
B_1
$BV_{2,3}$
$BV_{1,2}$
$BV_{0,1}$
$BV_{0,2}$
$BV_{0,3}$
B_0

图 5

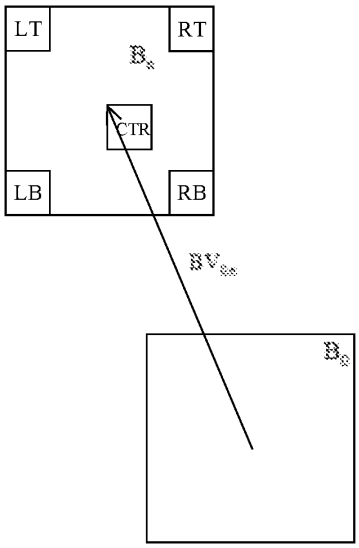

LT
RT
B_x
CTR
LB
RB
BV_{0x}
B_0

图 6

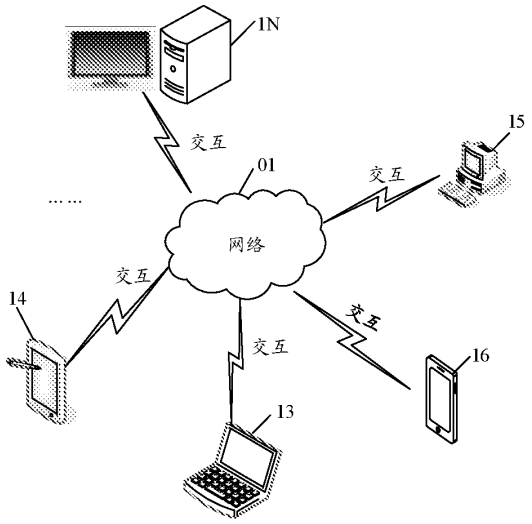

1N
交互
15
01
交互
……
网络
交互
14
交互
交互
16
13

图 7

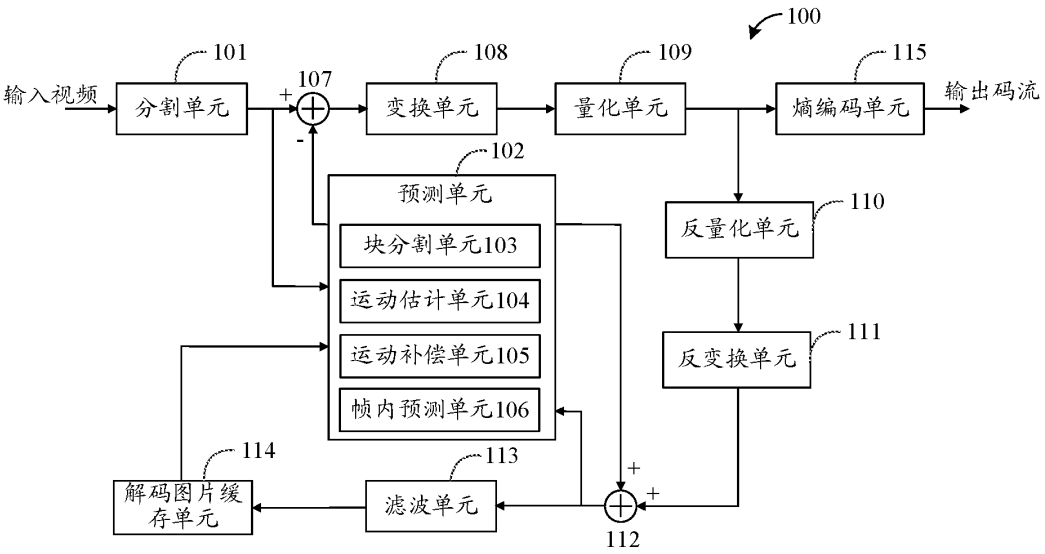

100
101
107
108
109
115
输入视频
分割单元
+
-
变换单元
量化单元
熵编码单元
输出码流
102
预测单元
块分割单元103
运动估计单元104
运动补偿单元105
帧内预测单元106
110
反量化单元
111
反变换单元
114
113
解码图片缓存单元
滤波单元
+
+
112

图 8

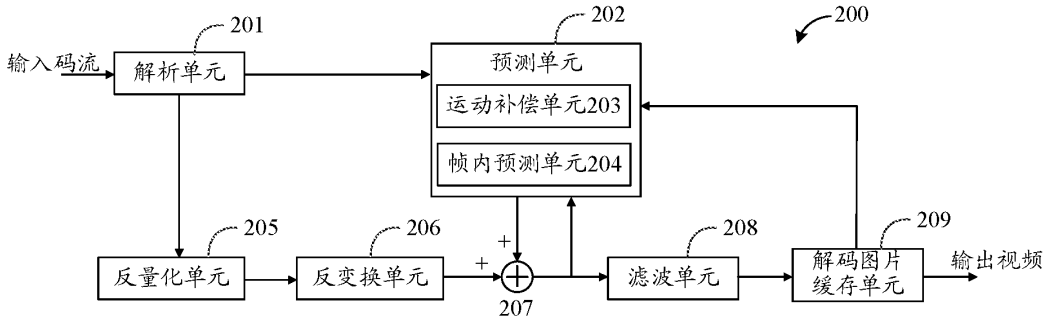

200
201
202
输入码流
解析单元
预测单元
运动补偿单元203
帧内预测单元204
205
206
208
209
反量化单元
反变换单元
+
+
207
滤波单元
解码图片缓存单元
输出视频

图 9

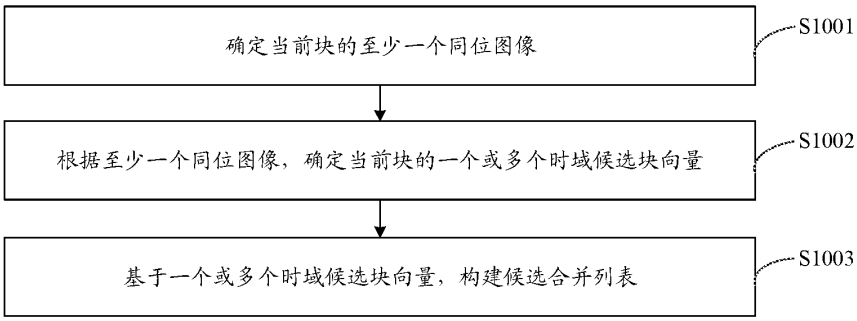


图 10

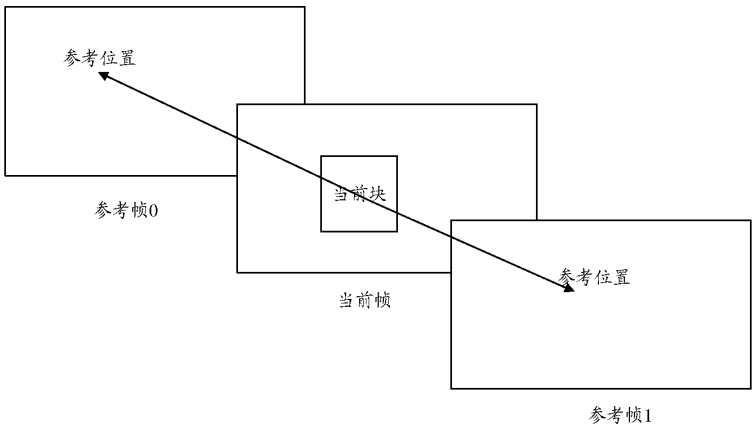


图 11

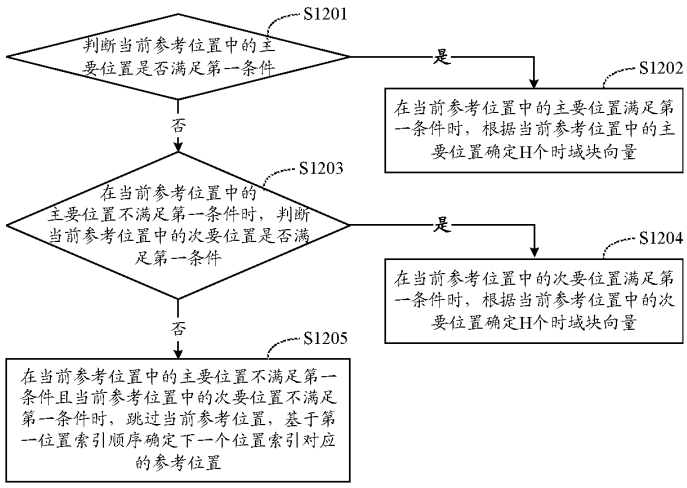


图 12

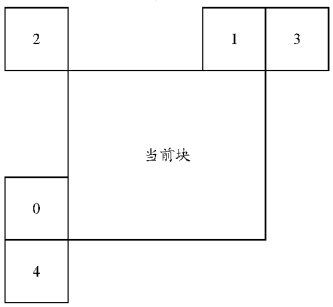


图 13

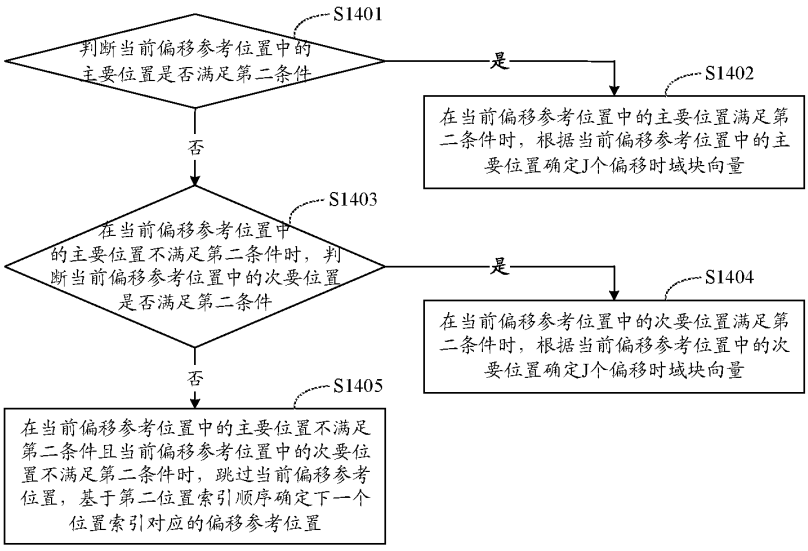


图 14

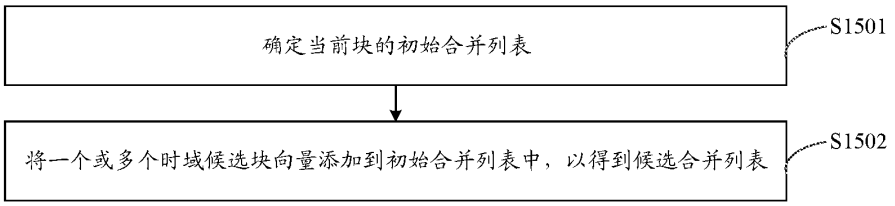


图 15

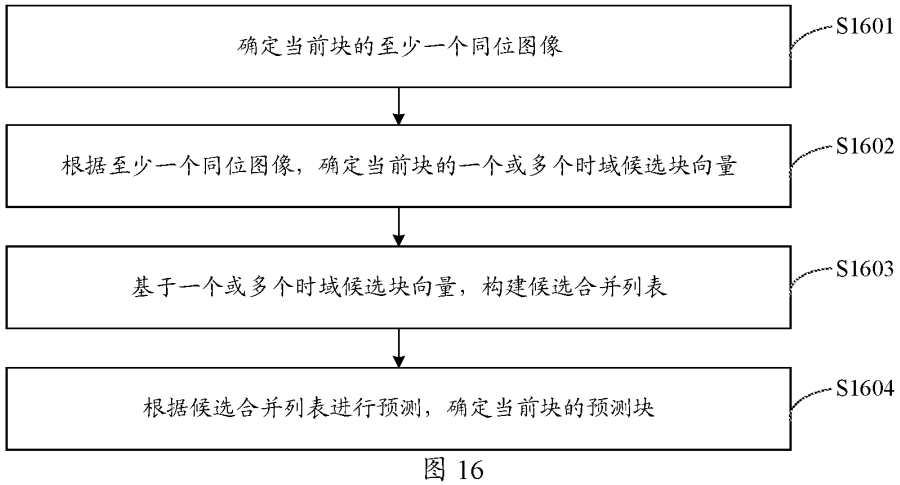


图 16

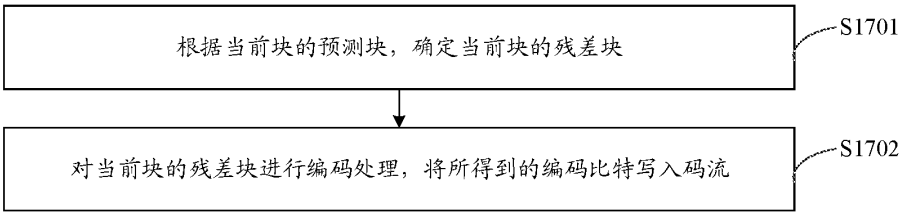


图 17

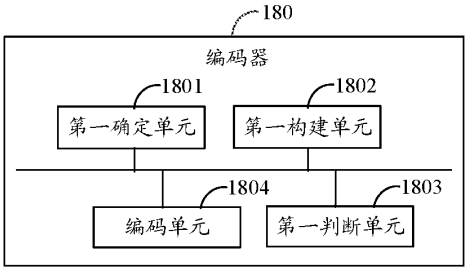


图 18

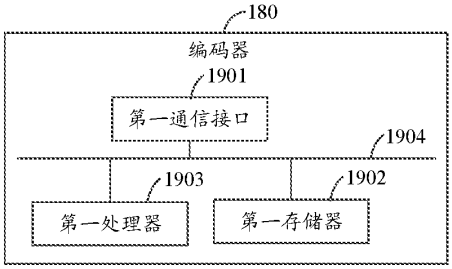


图 19

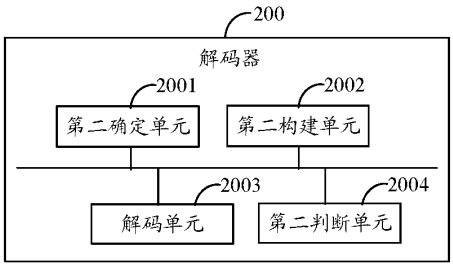


图 20

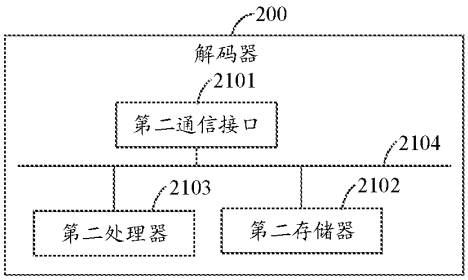


图 21

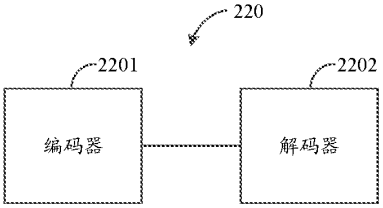


图 22