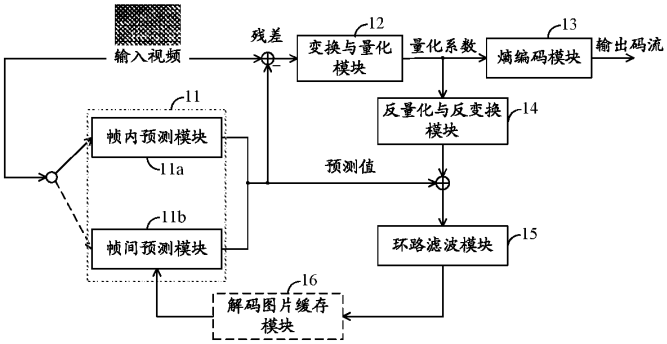

输入视频
残差
12
变换与量化模块
量化系数
13
熵编码模块
输出码流
11
帧内预测模块
11a
11b
帧间预测模块
反量化与反变换模块
14
预测值
环路滤波模块
15
16
解码图片缓存模块

图 1

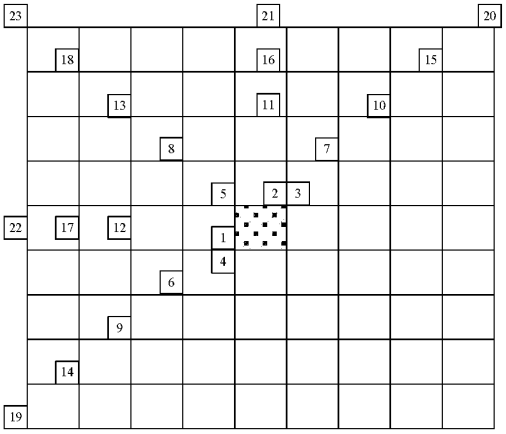

23
21
20
18
16
15
13
11
10
8
7
5
2
3
22
17
12
1
4
6
9
14
19

图 2

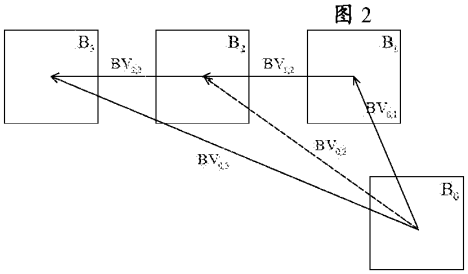

B5
B2
B1
B0
BV2,3
BV1,2
BV0,1
BV0,2
BV0,3

图 3

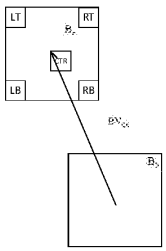

LT
RT
LB
RB

图 4

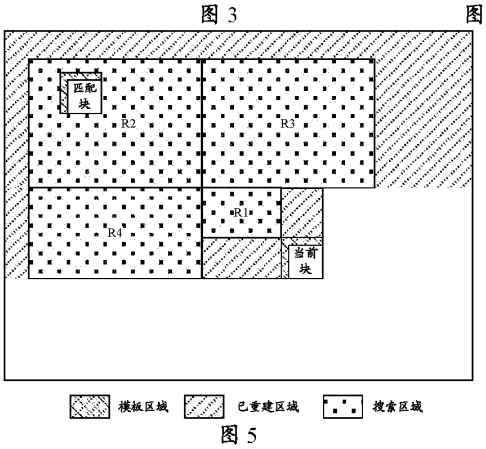

匹配块
R2
R3
R1
R4
当前块
模板区域
已重建区域
搜索区域

图 5

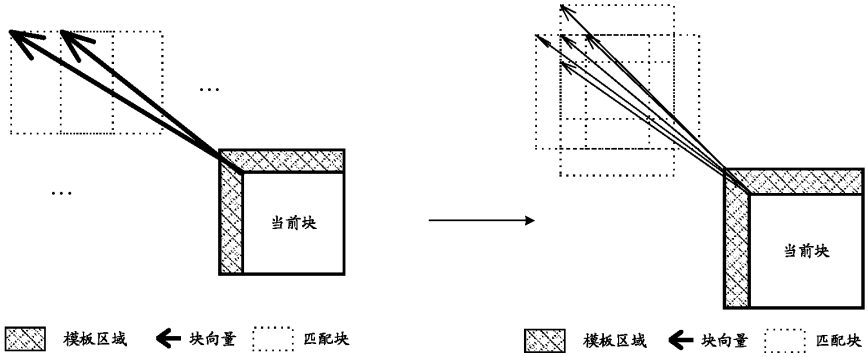

当前块
模板区域
块向量
匹配块
当前块
模板区域
块向量
匹配块

图 6

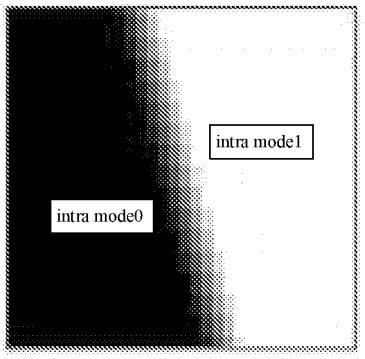

intra mode1
intra mode0

图 7

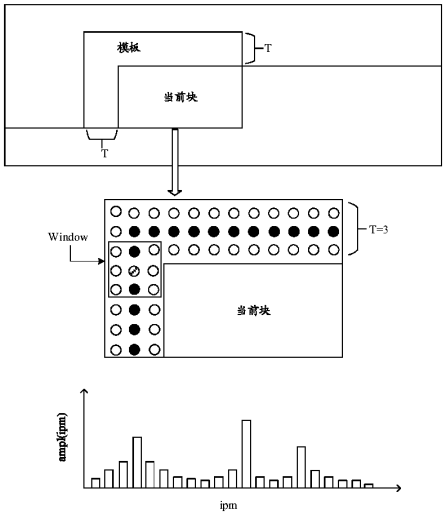

模板
T
当前块
T
Window
T=3
当前块
ampl(rpm)
ipm

图 8

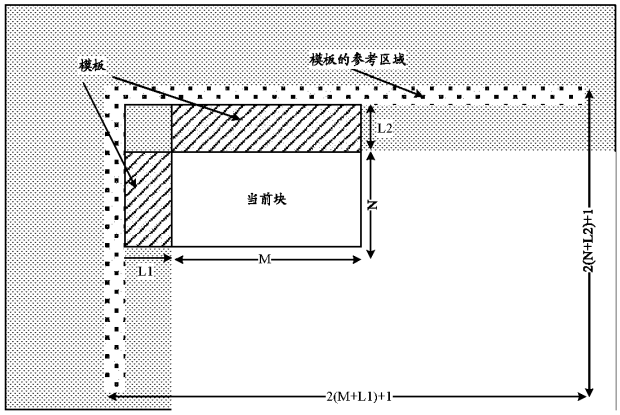

模板
模板的参考区域
L2
当前块
N
L1
M
2(N+L2)+1
2(M+L1)+1

图 9

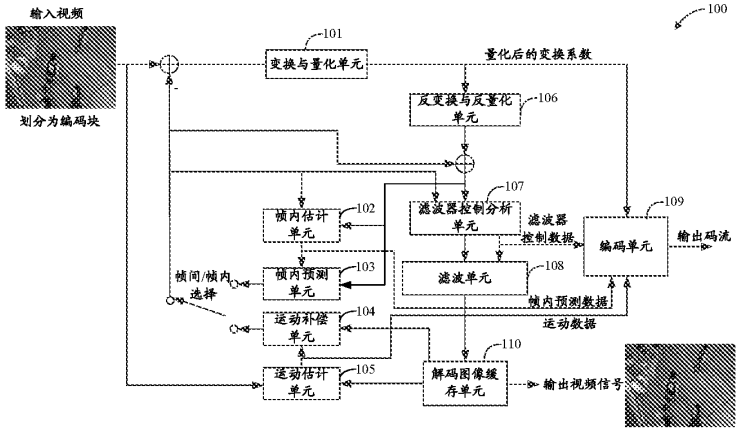


图 10

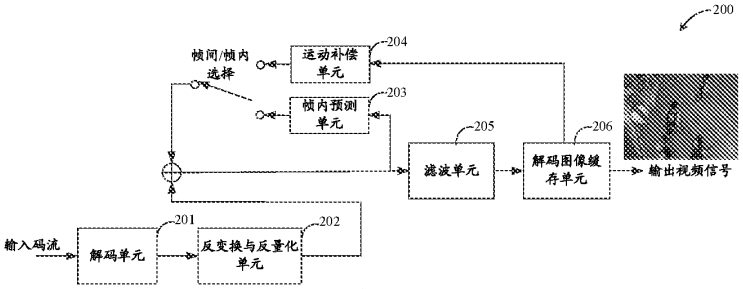


图 11

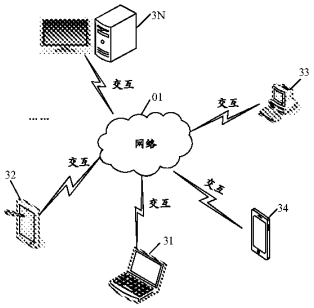


图 12

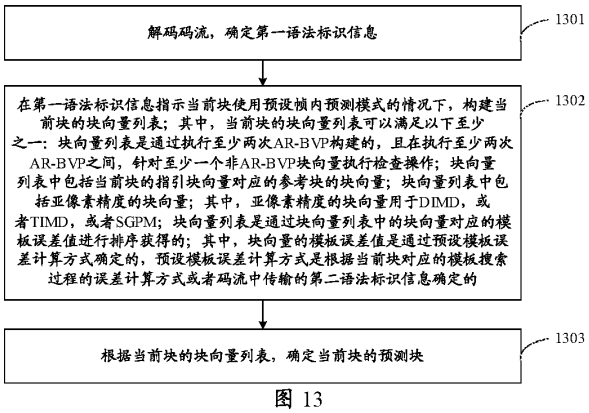


图 13

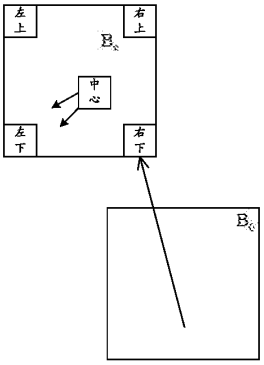


图 14

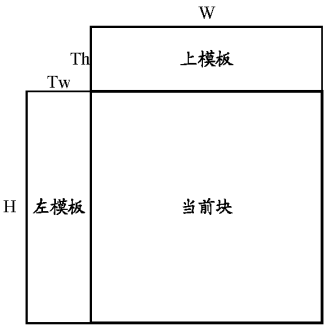


图 15

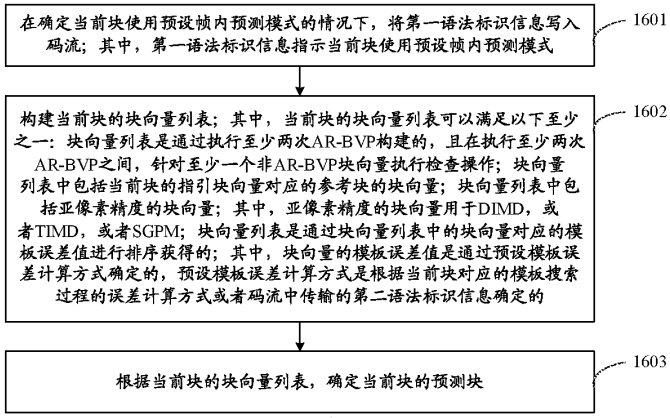


图 16

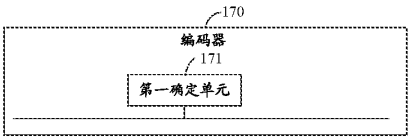


图 17

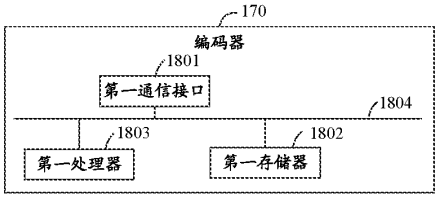


图 18

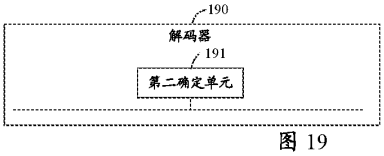


图 19

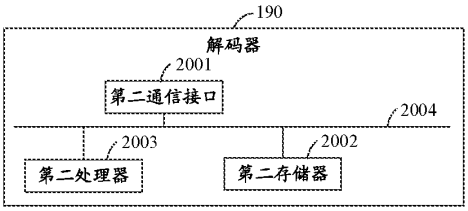


图 20

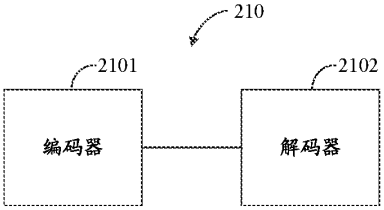


图 21