

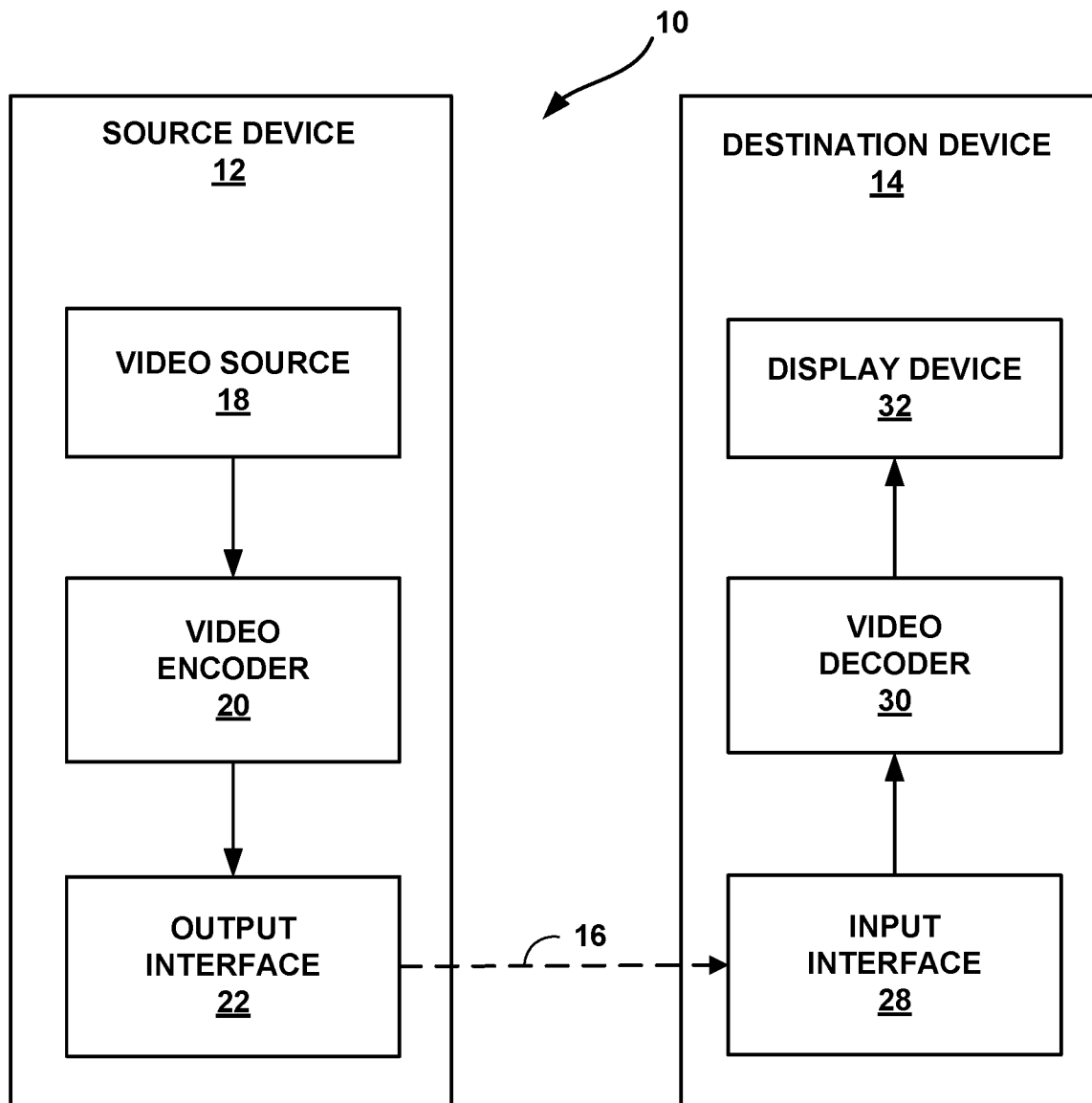


FIG. 1

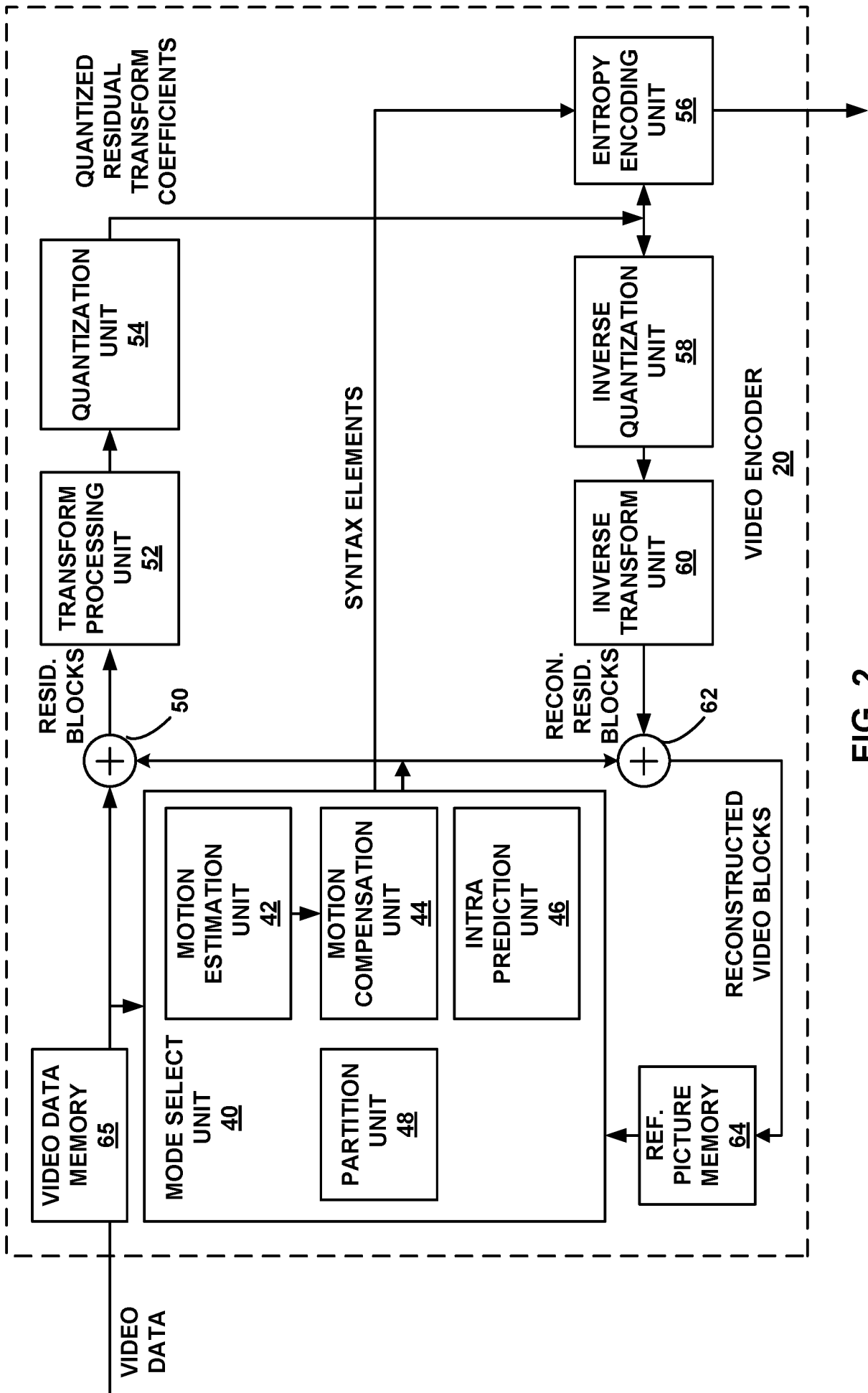


FIG. 2

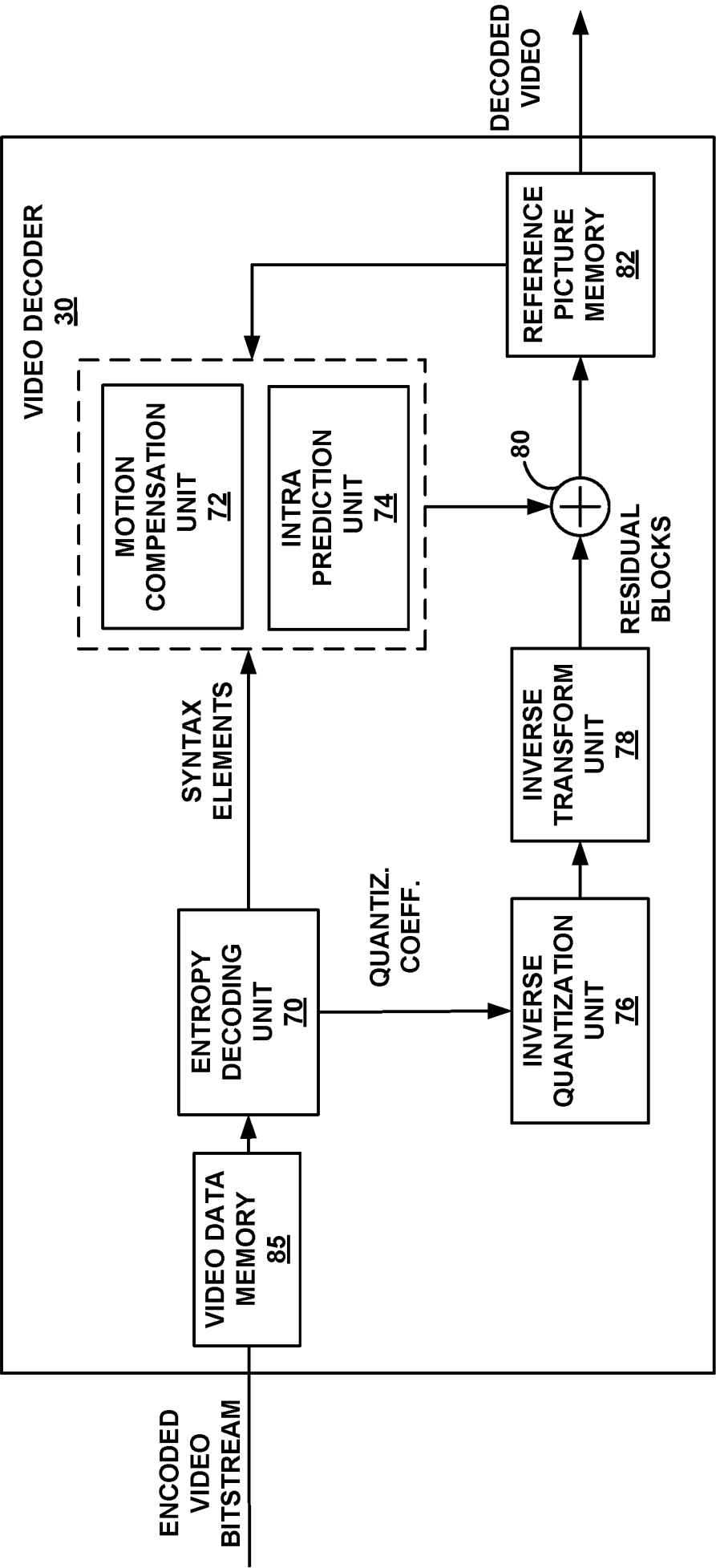


FIG. 3

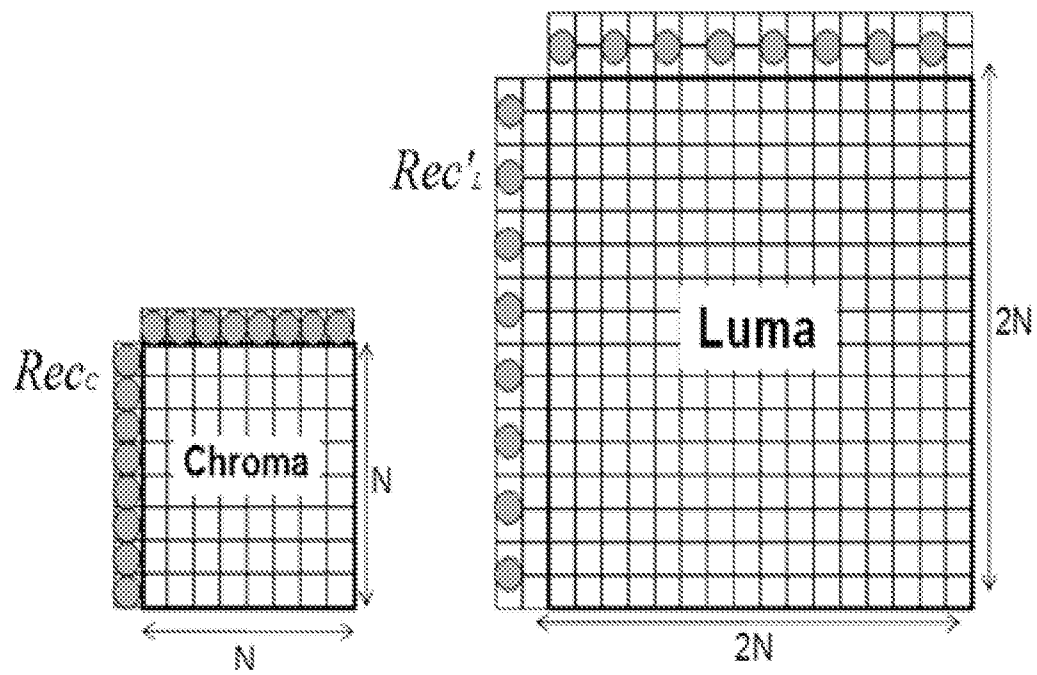


FIG. 4

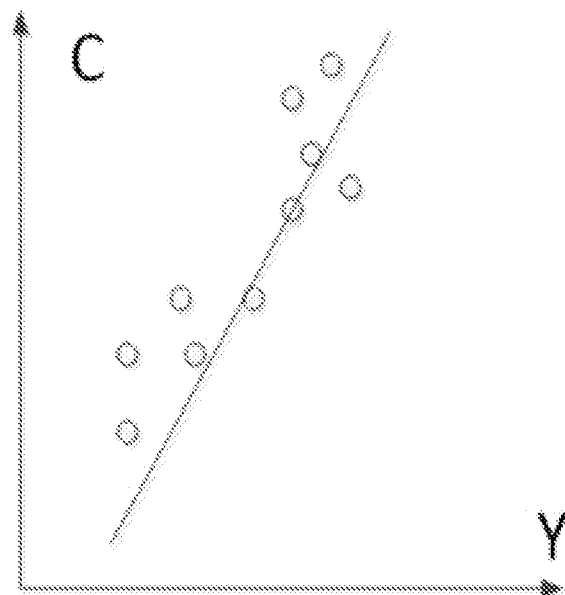


FIG. 5

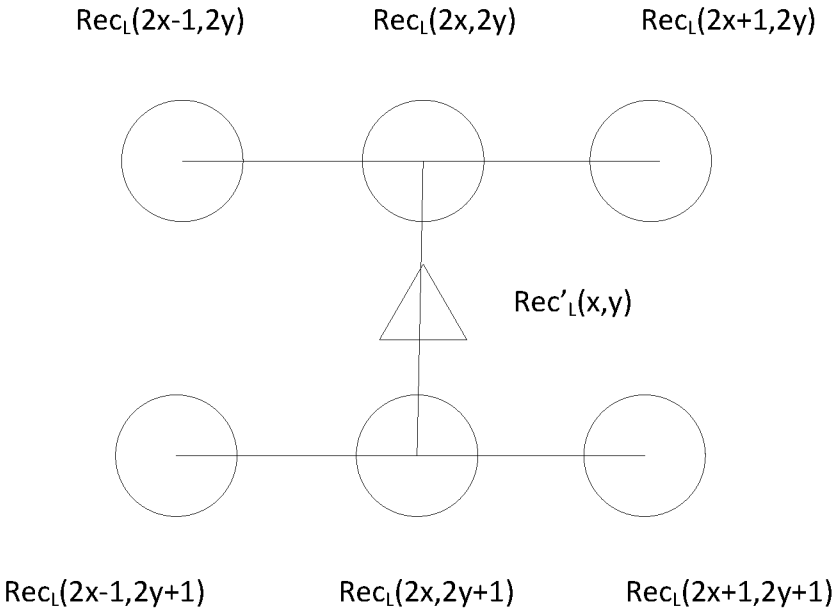


FIG. 6

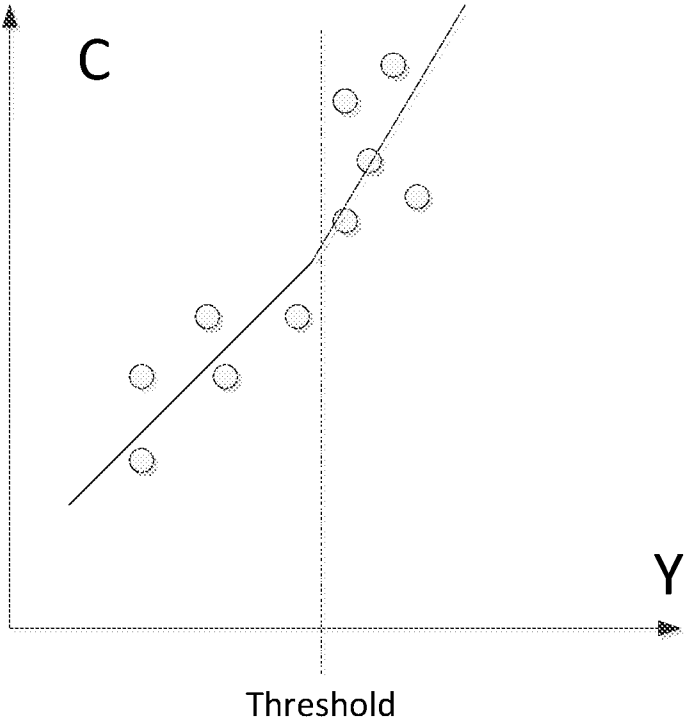


FIG. 7A

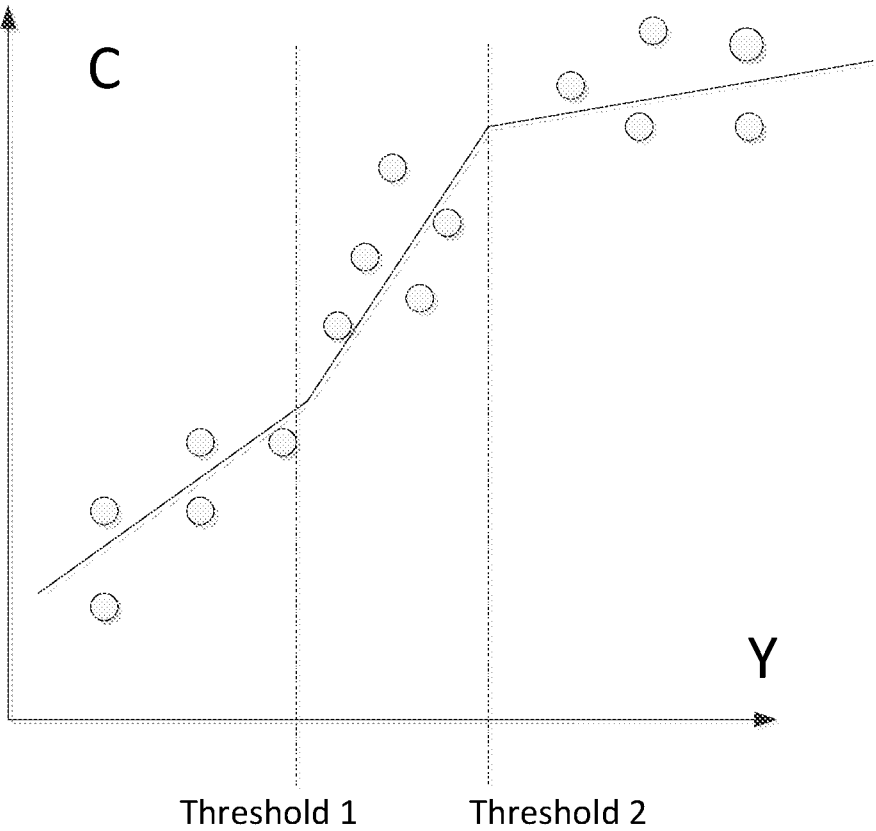


FIG. 7B

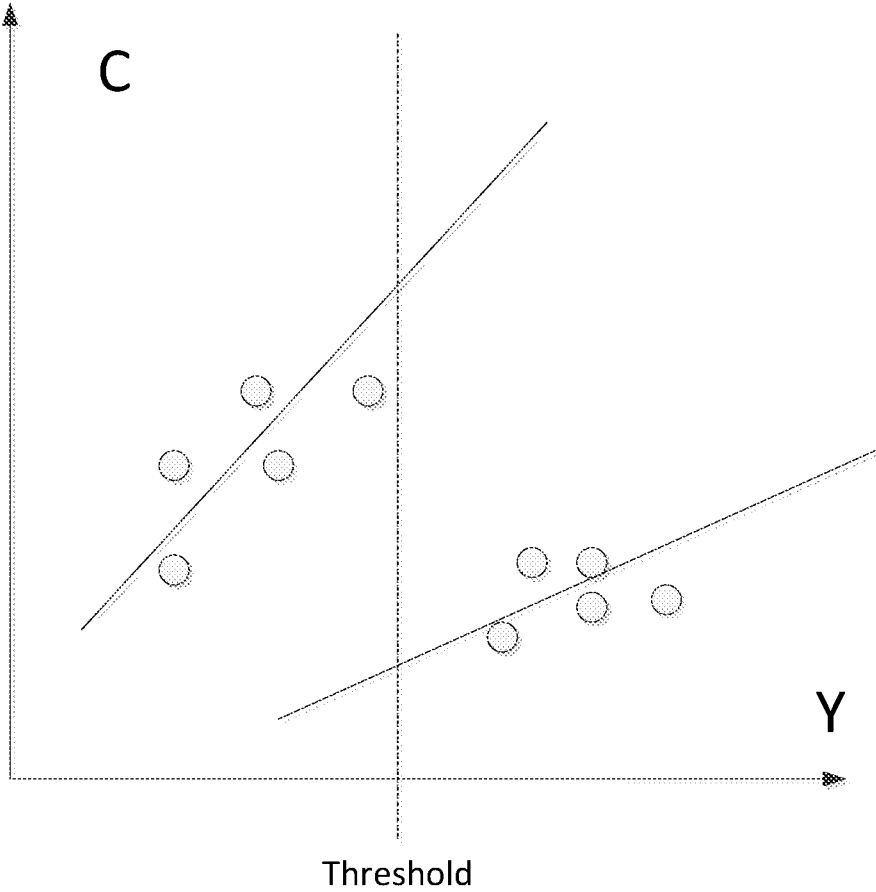


FIG. 7C

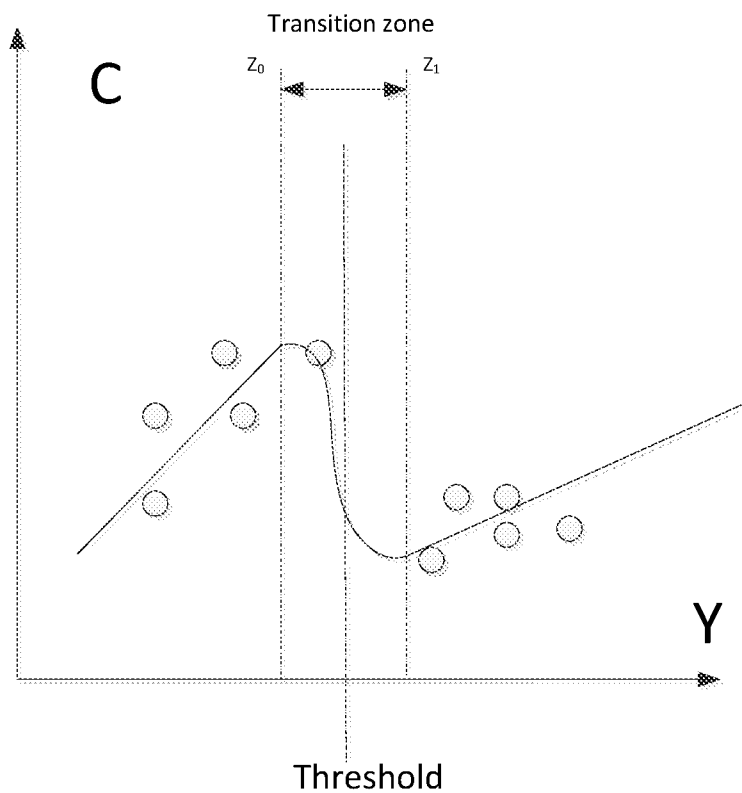


FIG. 7D

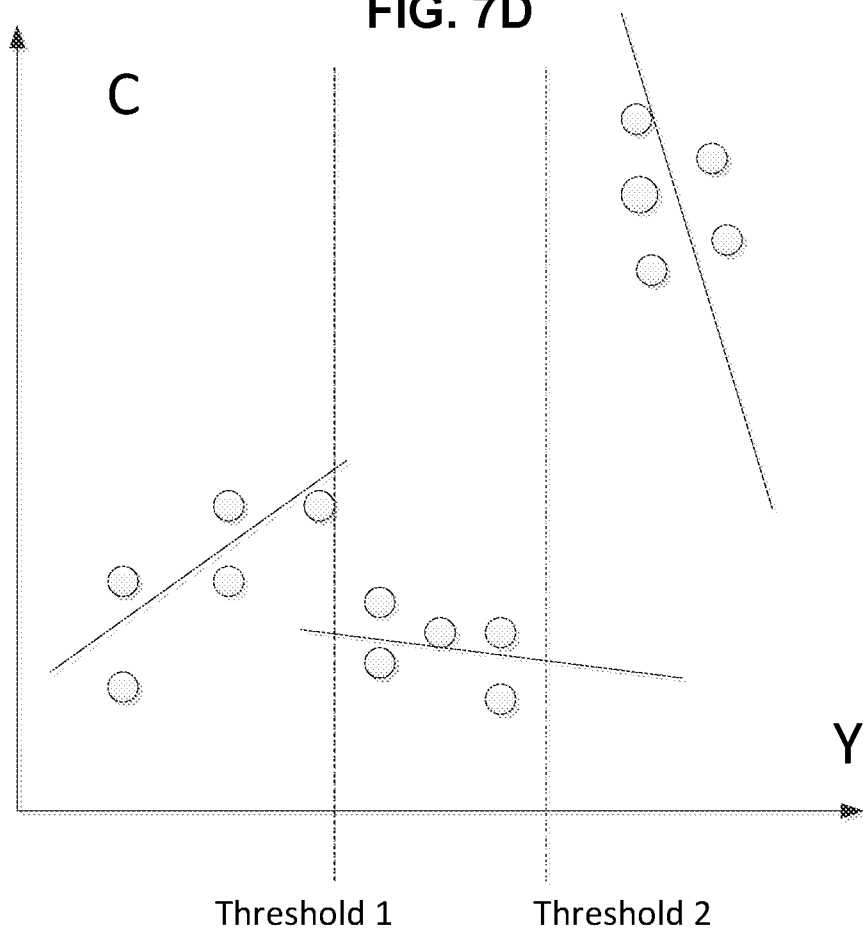


FIG. 7E

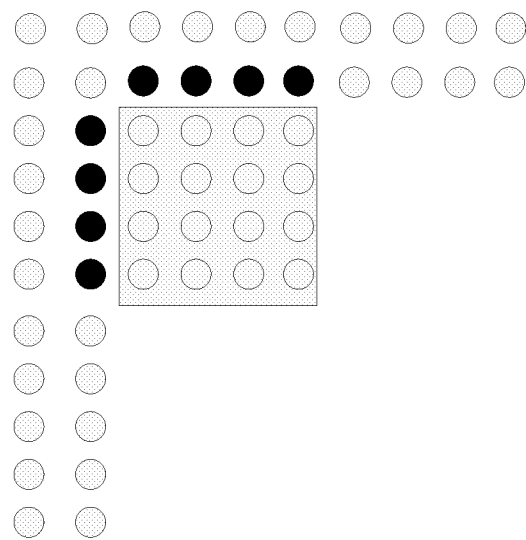


FIG. 8A

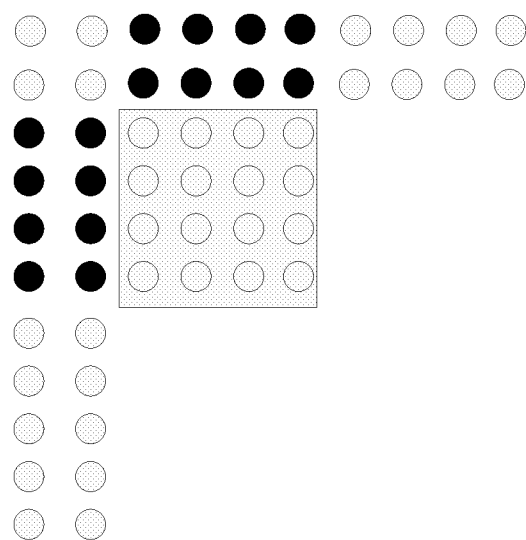


FIG. 8B

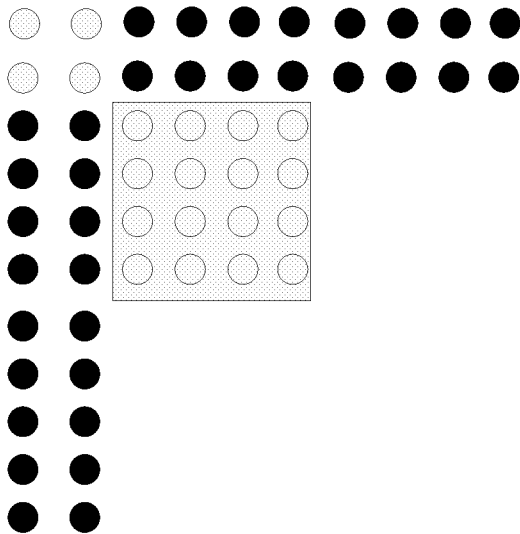


FIG. 8C

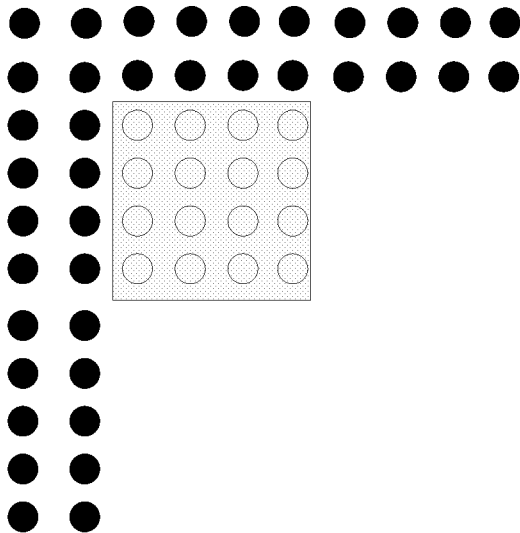


FIG. 8D

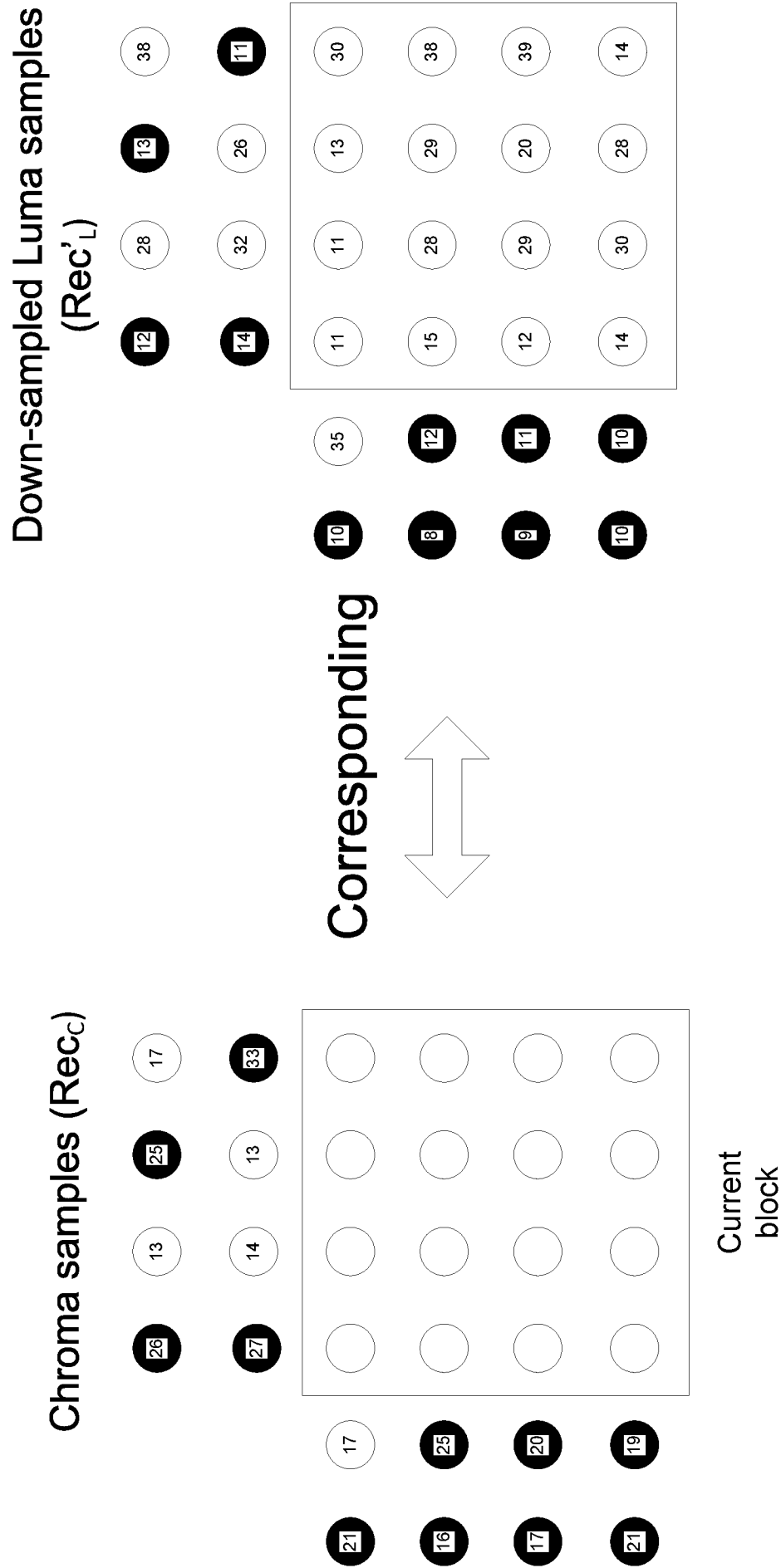
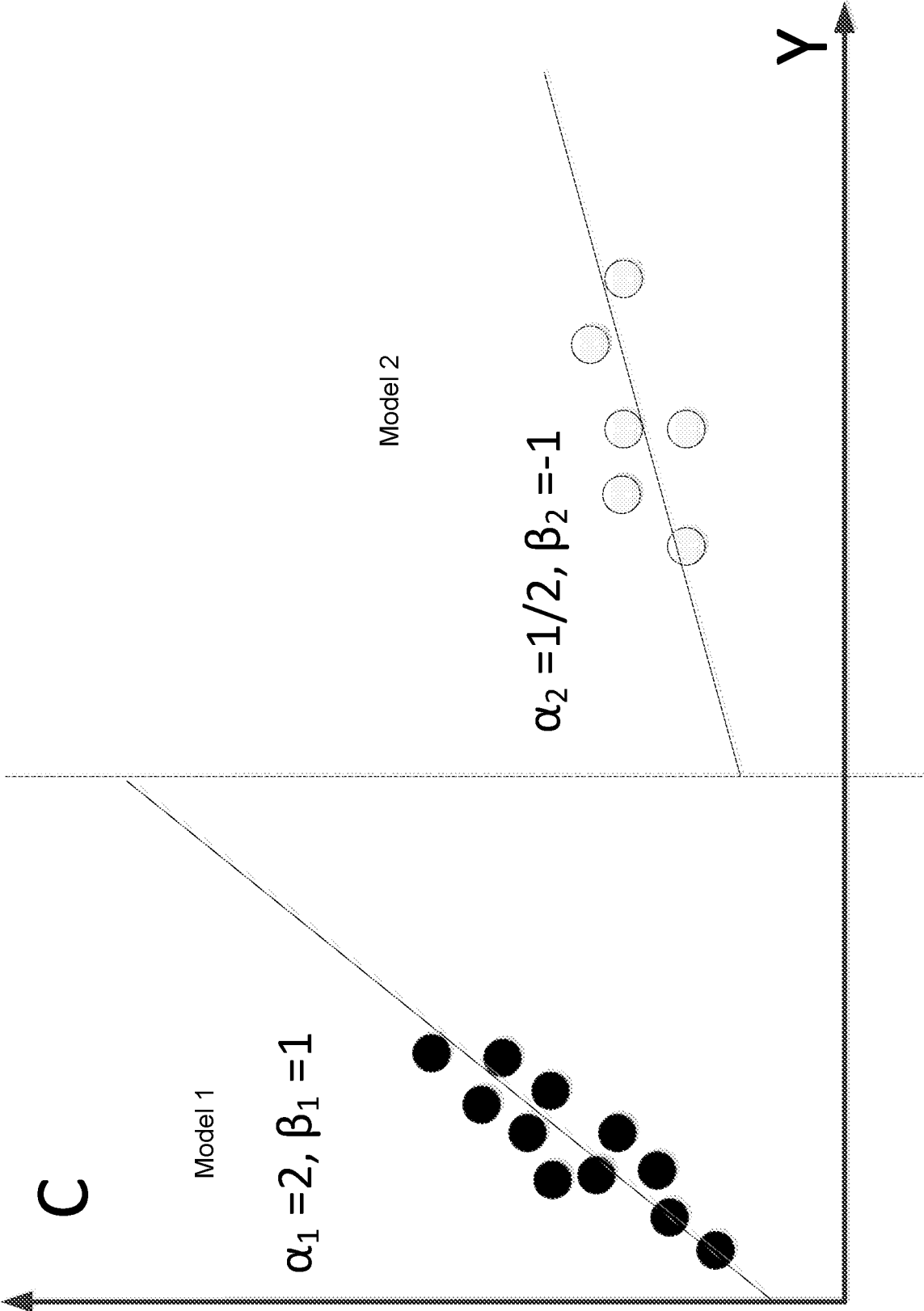


FIG. 9



Threshold = 17

FIG. 10

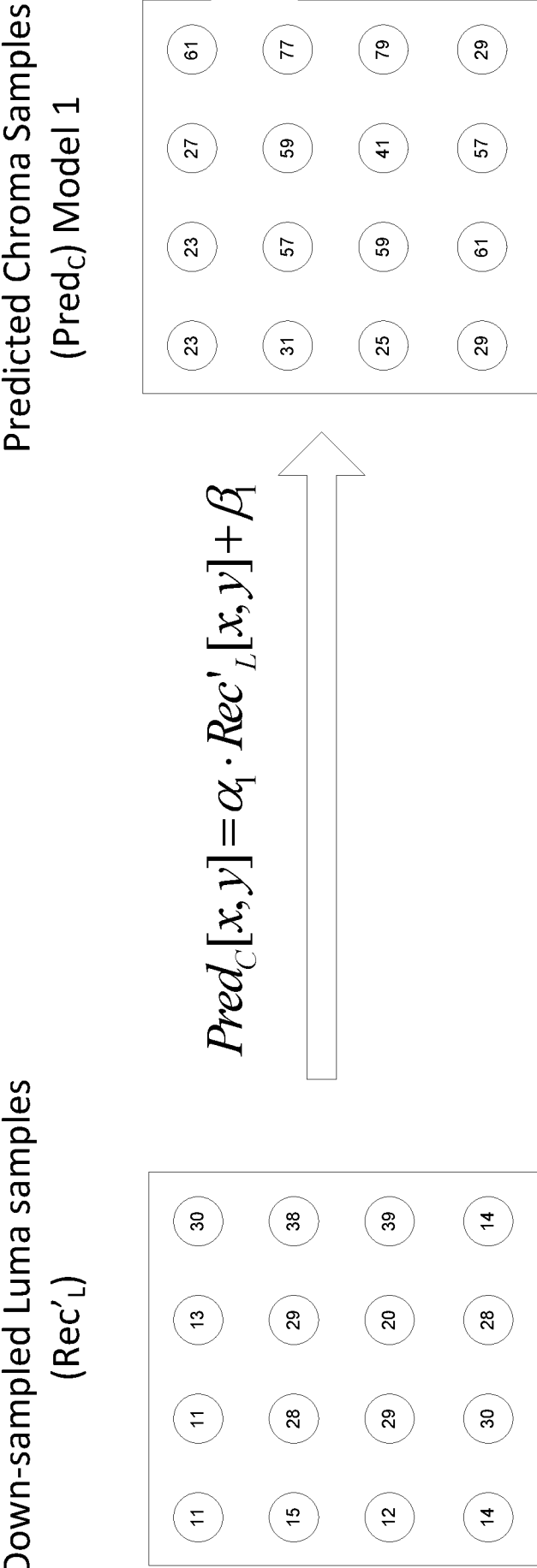


FIG. 11

Down-sampled Luma
samples (Rec'_L)

Predicted Chroma Samples
(Pred_C) Model 2



$$Pred_C[x, y] = \alpha_2 \cdot Rec'_L[x, y] + \beta_2$$



FIG. 12

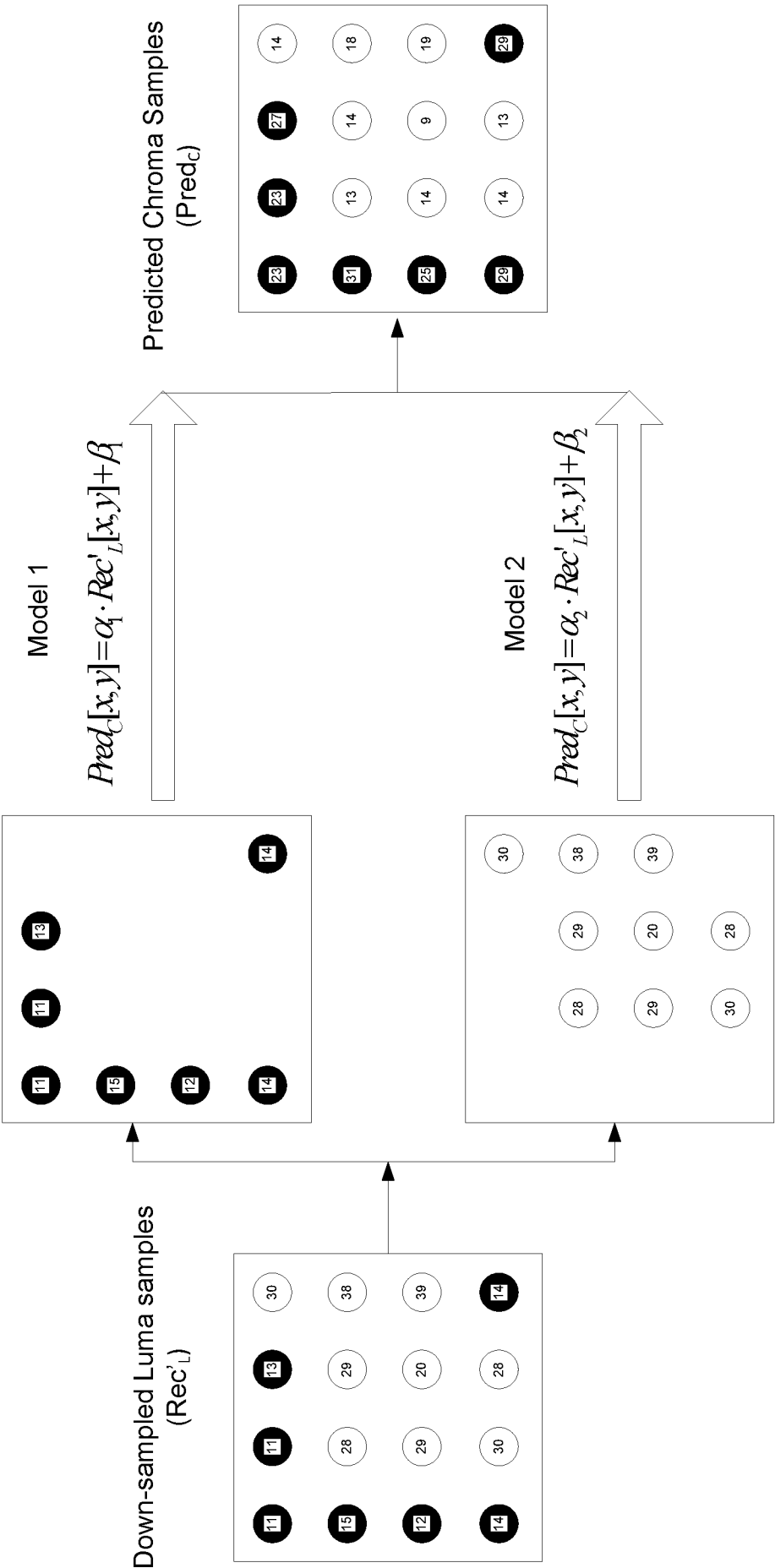


FIG. 13

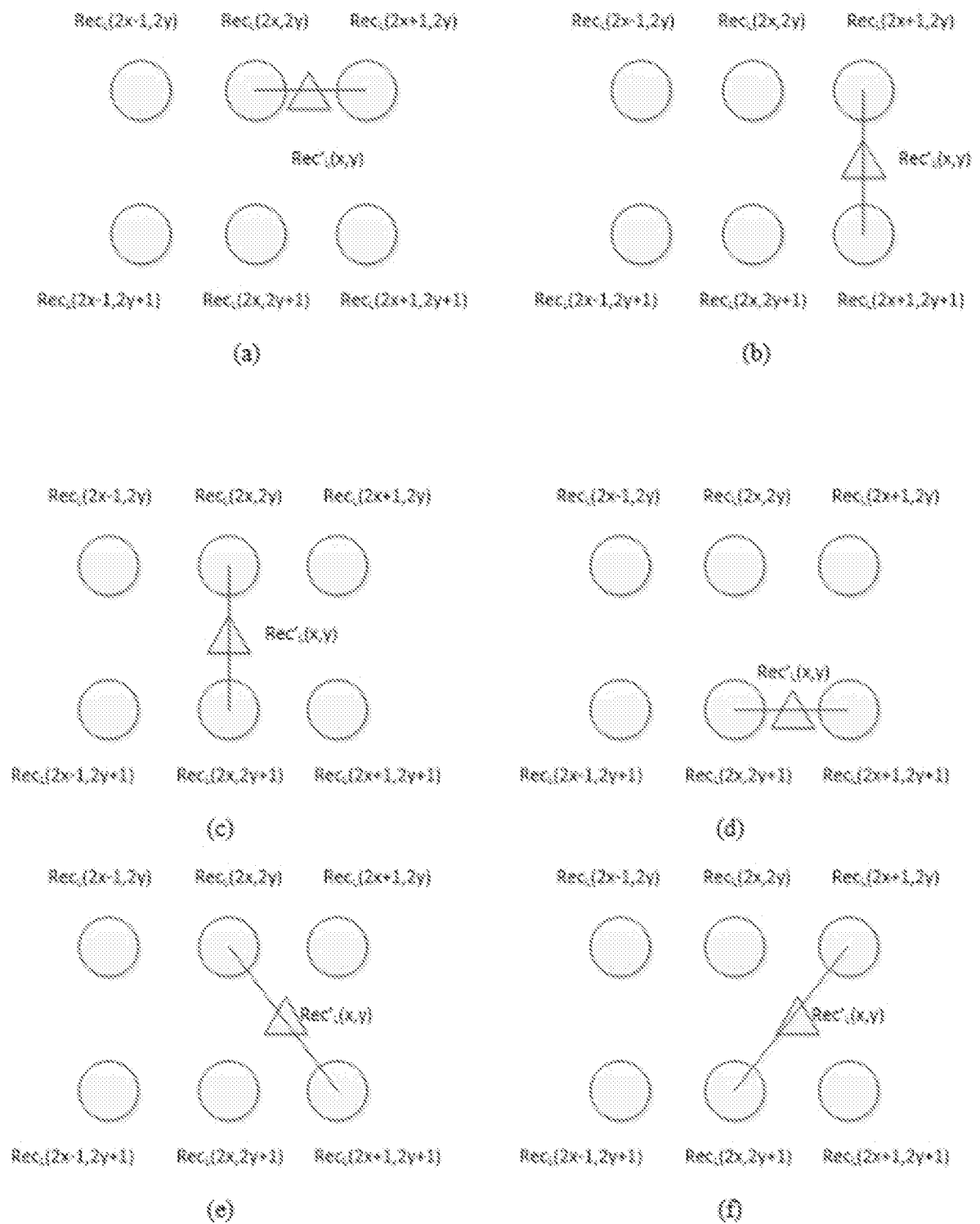


FIG. 14A

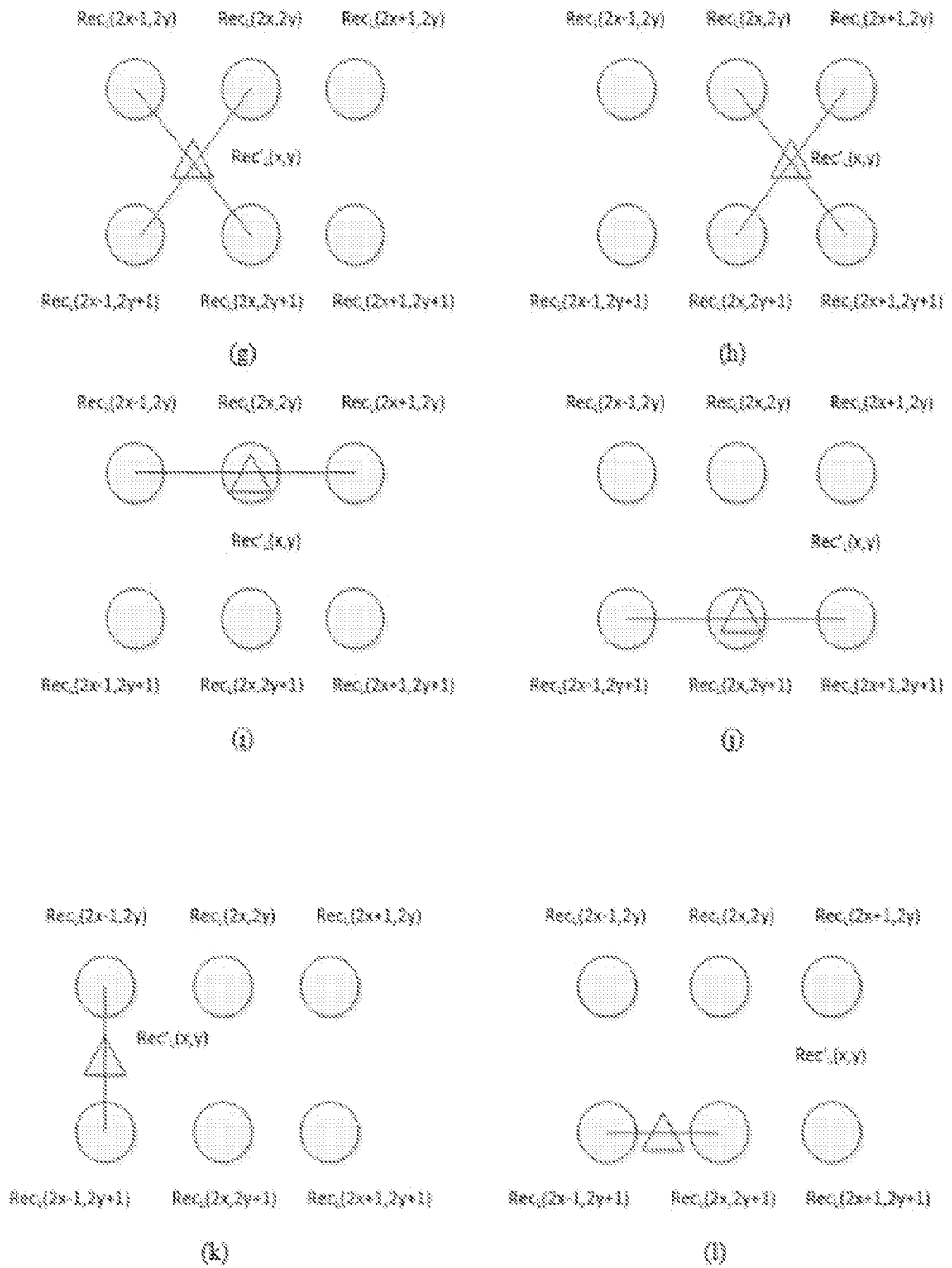


FIG. 14B

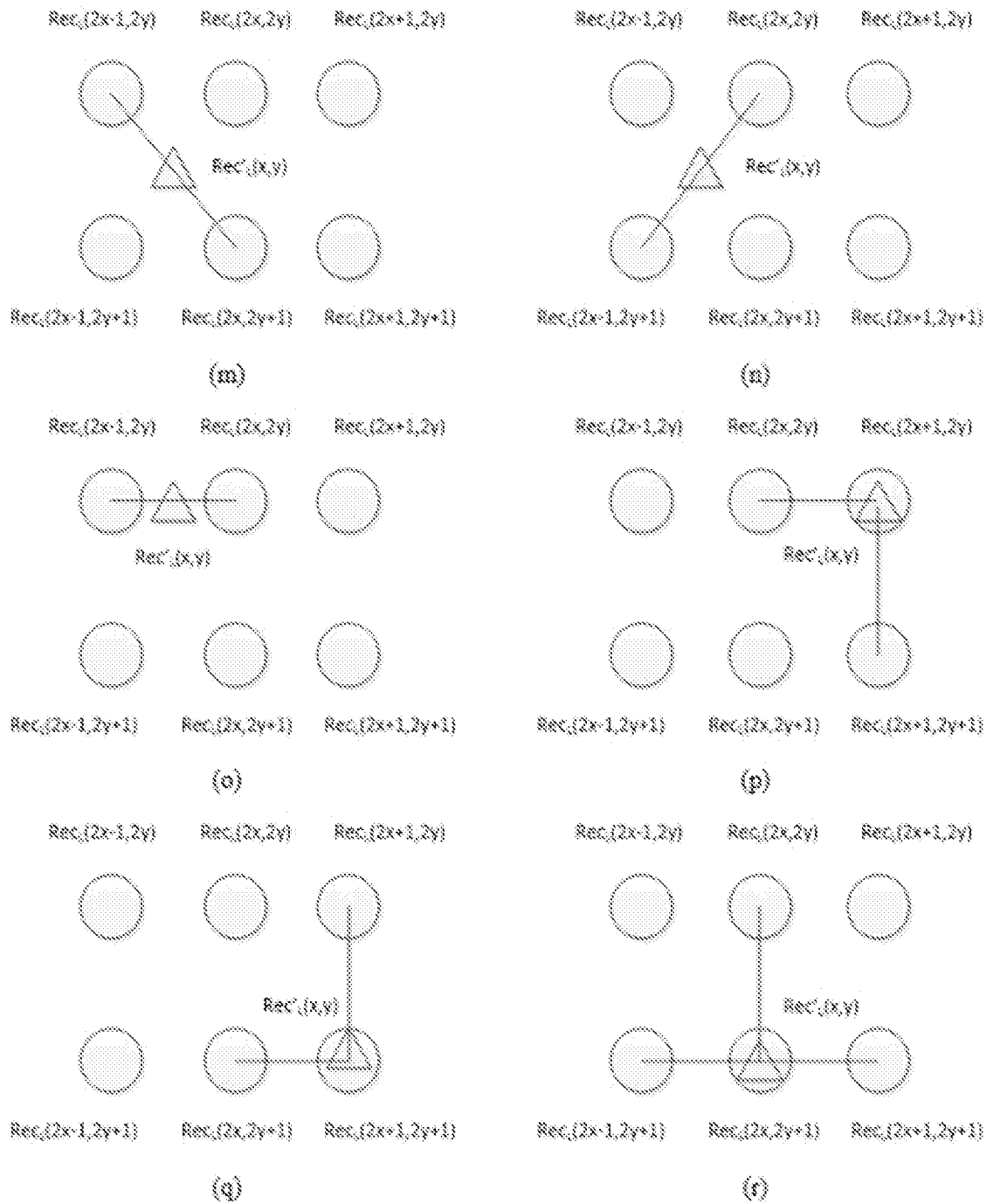


FIG. 14C

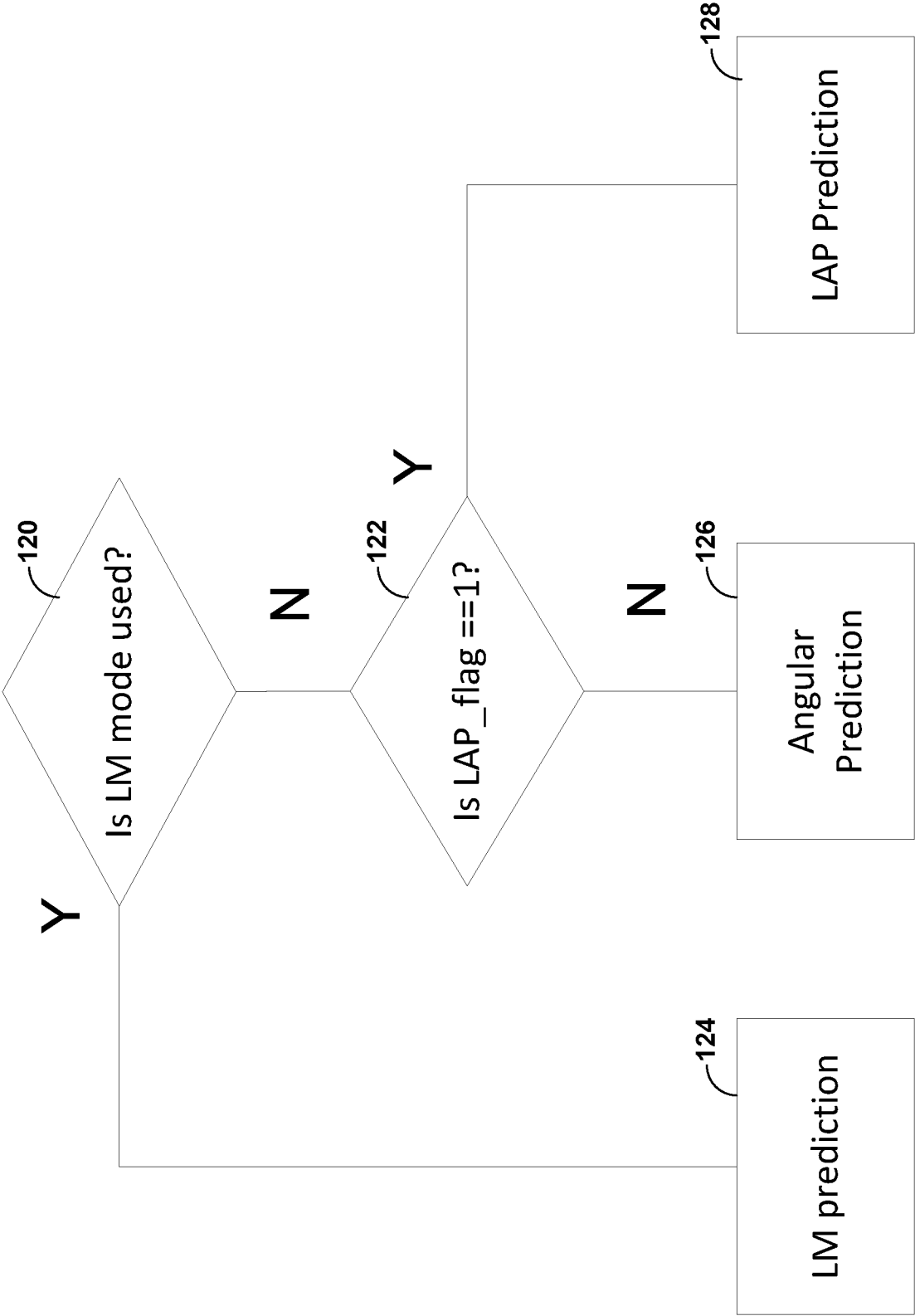


FIG. 15

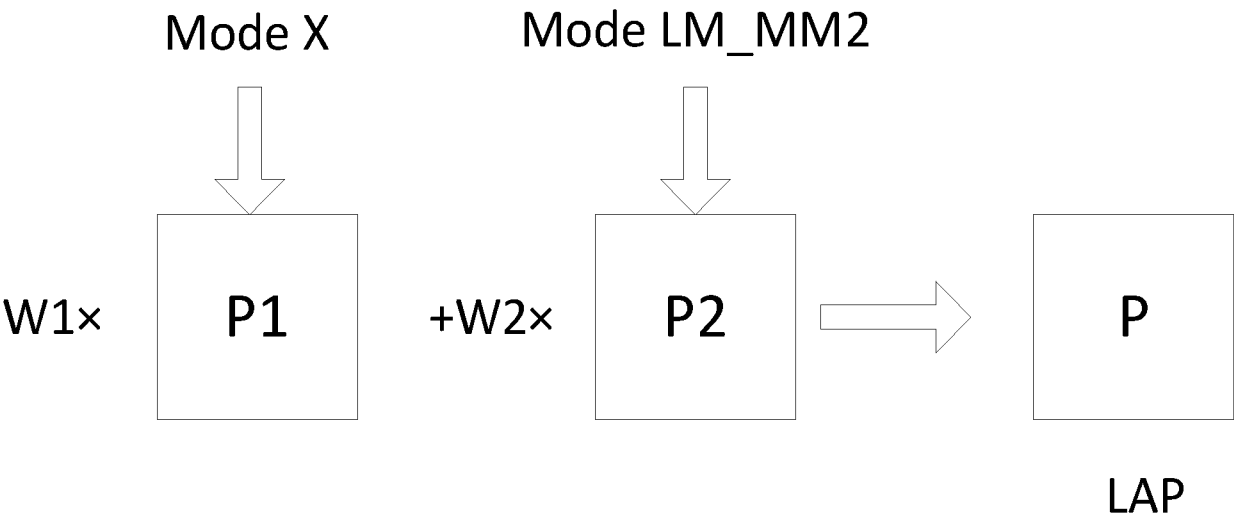


FIG. 16

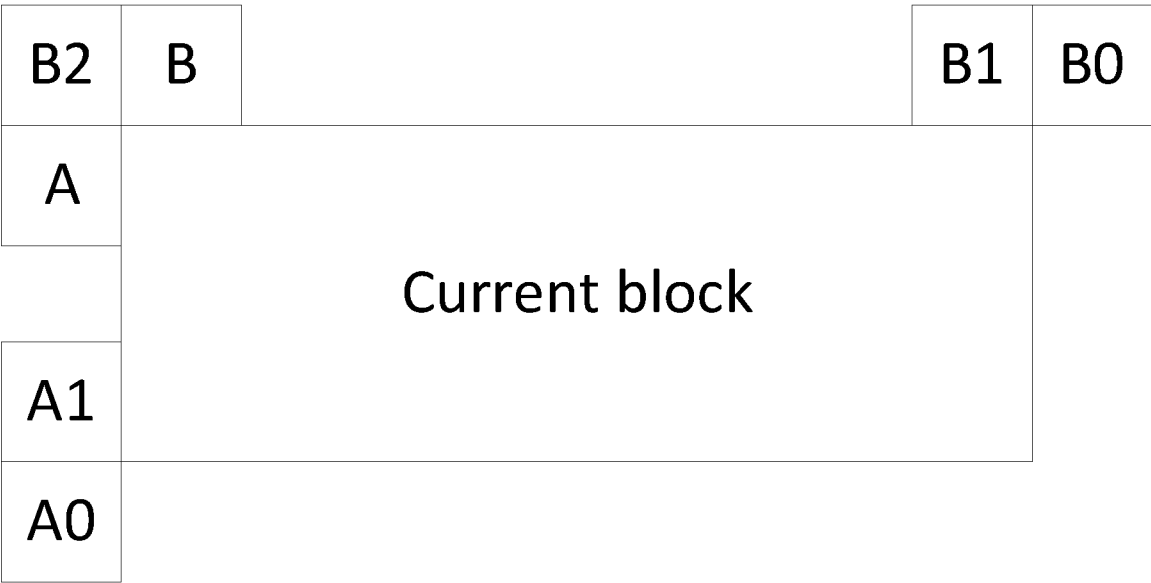
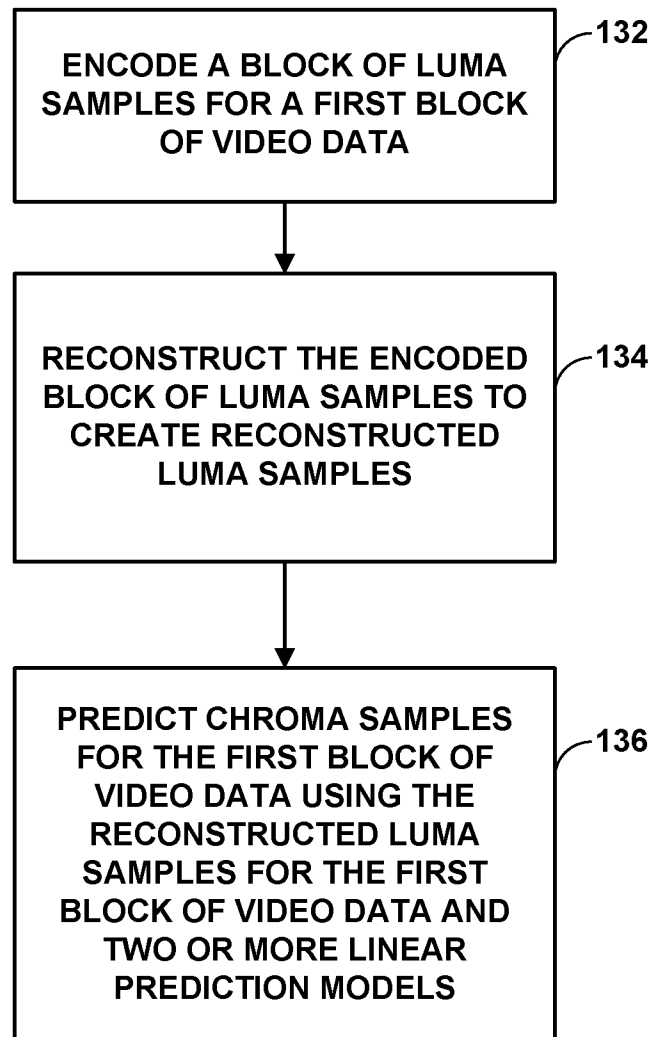


FIG. 17

**FIG. 18**

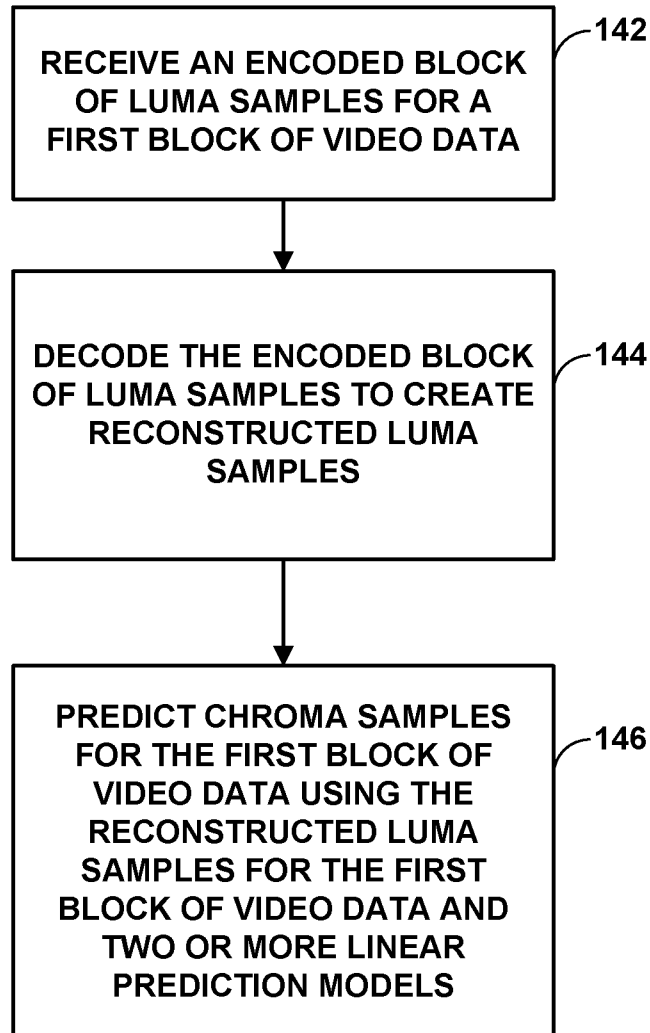


FIG. 19

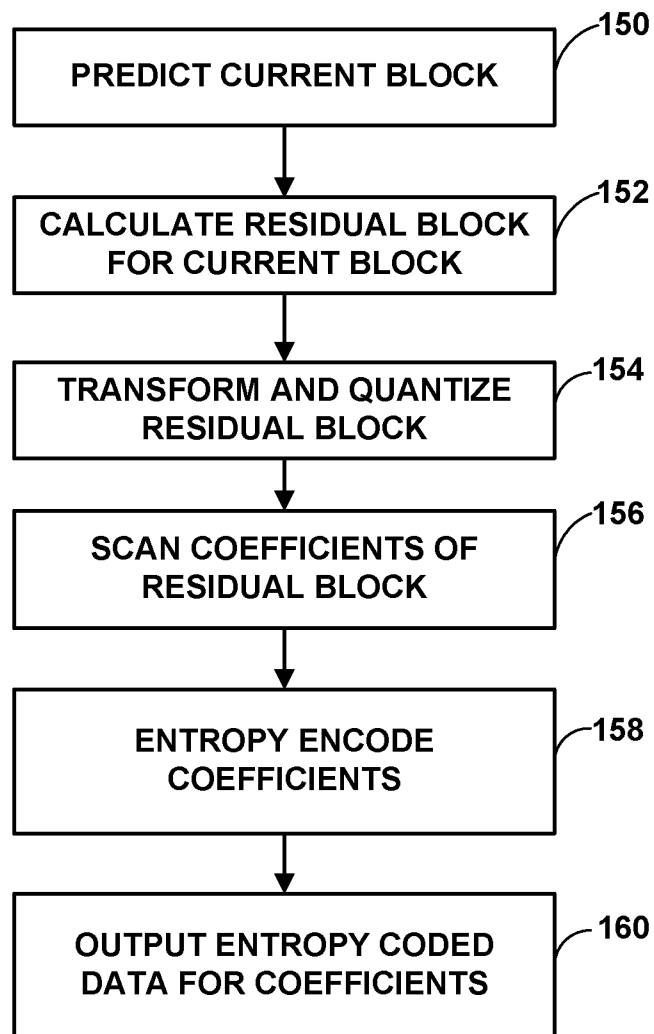


FIG. 20

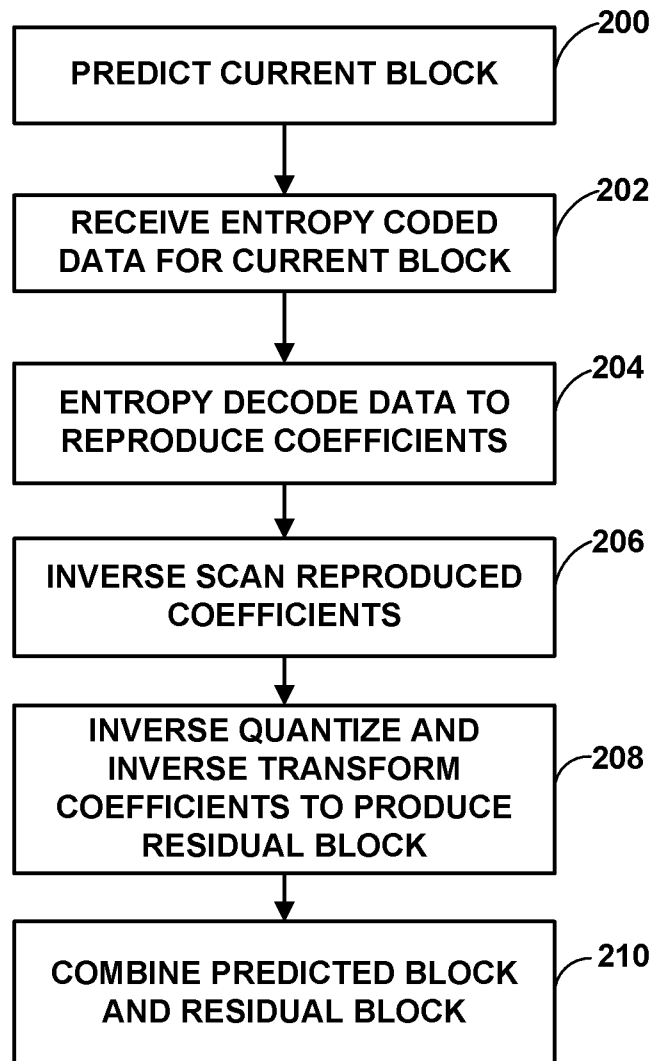


FIG. 21