Extended window (EW) construction

Any DV inside EW?

Reconstruct new extended window (NEW)

.idx = 0; N = number of DVs inside EW; SAD\text{Min} = \infty; MV\text{Best} = (0,0)

Derive MV\text{idx}_{L,t} according to idx-th DV\text{idx}_{R,t-1} inside NEW

Calculate SAD\text{Temp} for idx-th MV, MV\text{idx}_{L,t}

SAD\text{Temp} < SAD\text{Min}?

YES

SAD\text{Min} = SAD\text{Temp}; MV\text{Best} = MV\text{idx}_{L,t}

NO

.idx++

Calculate covered area, A\text{Temp} of DV\text{idx}_{R,t-1} < TH?

YES

f[idx] = 1

NO

A\text{Temp} > A\text{Max}?

YES

A\text{Max} = A\text{Temp}; DV\text{Best} = DV\text{idx}_{R,t}

NO

.idx < N

All f[n] == 1 where 0 \leq n < N?

YES

Conceal error block by using MV\text{Best}

NO

Conceal error block by using DV\text{Best}

MV based error concealment

DV based error concealment

End