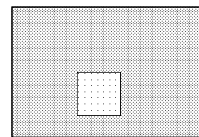
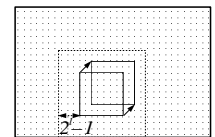


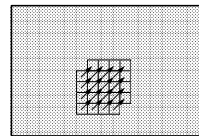
(a) cluster composition



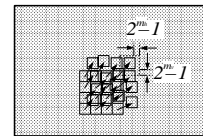
(b) subsampling



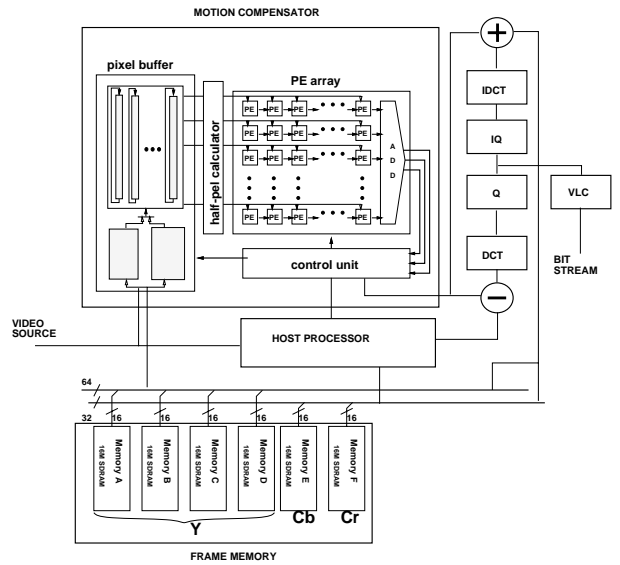
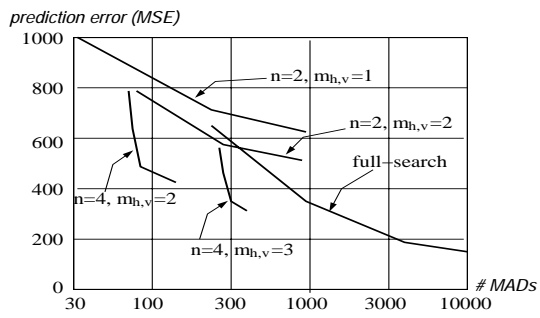
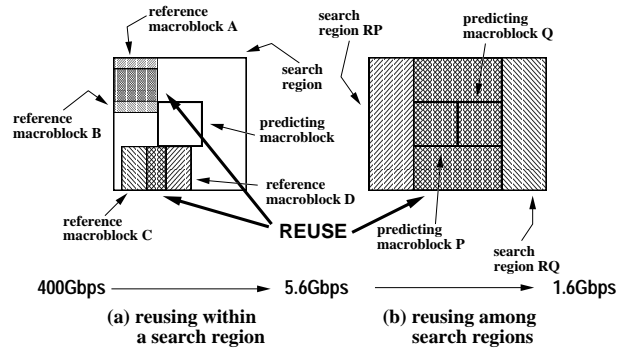
(c) cluster vector detection

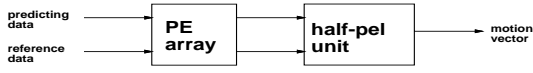


(d) initial vectors

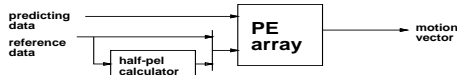


(e) macroblock motion vector

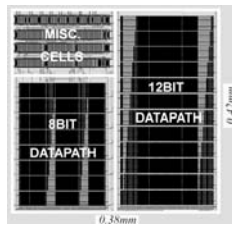
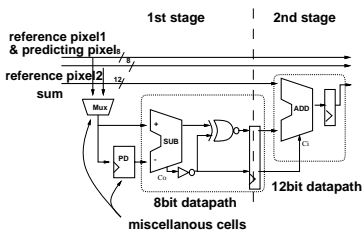
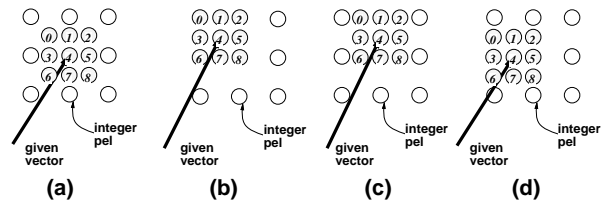
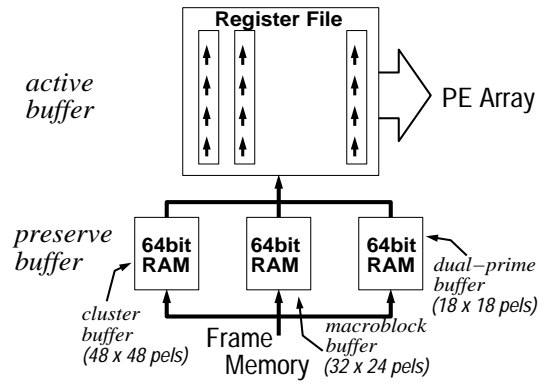




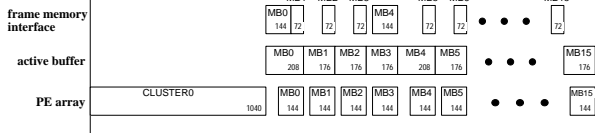
(a) conventional implementation



(b) proposed implementation



B-picture



P-picture

