## rithm for $J=3,\ W=2$ Input time series given by top row of coefficients. Coefficients with dotted

operations with  $\mathcal{G}$ , solid arrows denote filtering operations with  $\mathcal{H}$ . T = 1T = 2 $c_{2,0}$  $c_{2,2}$  $c_2$  $c_{2,1}$  $d_{1,1}$  $d_{1,2}$  $c_{1,2}$ 

 $d_{0,1}$ 

 $v_{0,1}$ 

 $d_{0,2}$ 

 $v_{0,2}$ 

Illustration of Online NDWT Pyramidal Algo-

borders obtained by constant-end extension. Dashed arrows denote filtering