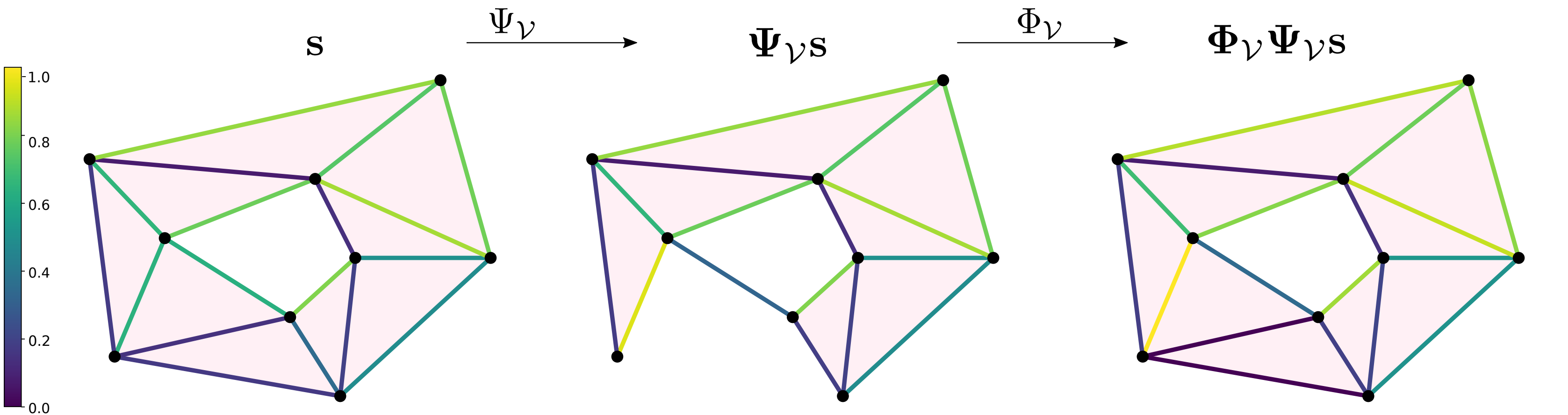
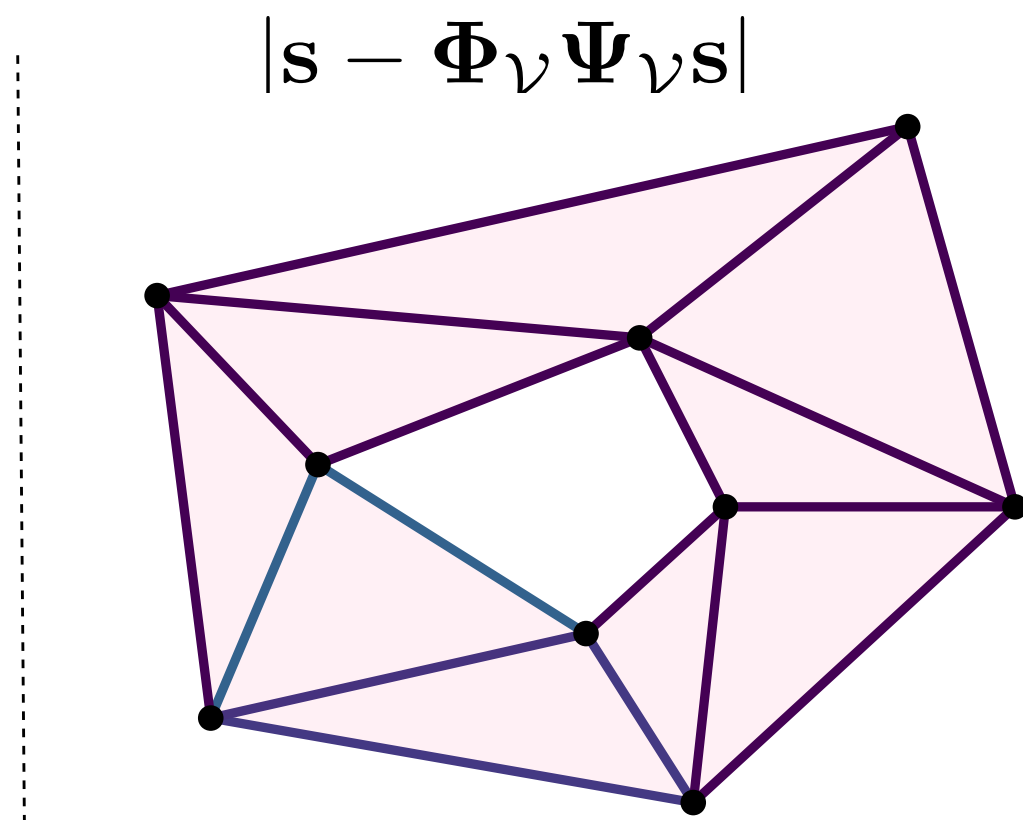
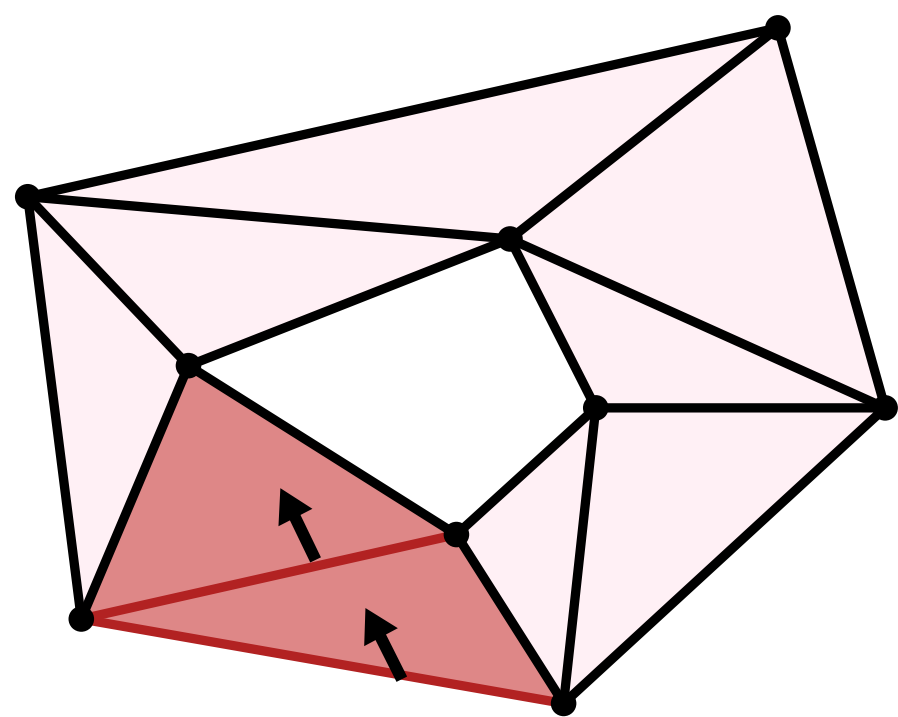


**A** Transformation of the signal  $s$ **B** Reconstruction error**C** Up-matching  $\nu$ **D** Projection of  $s$  and  $\Phi_\nu \Psi_\nu s$  on the Hodge decomposition