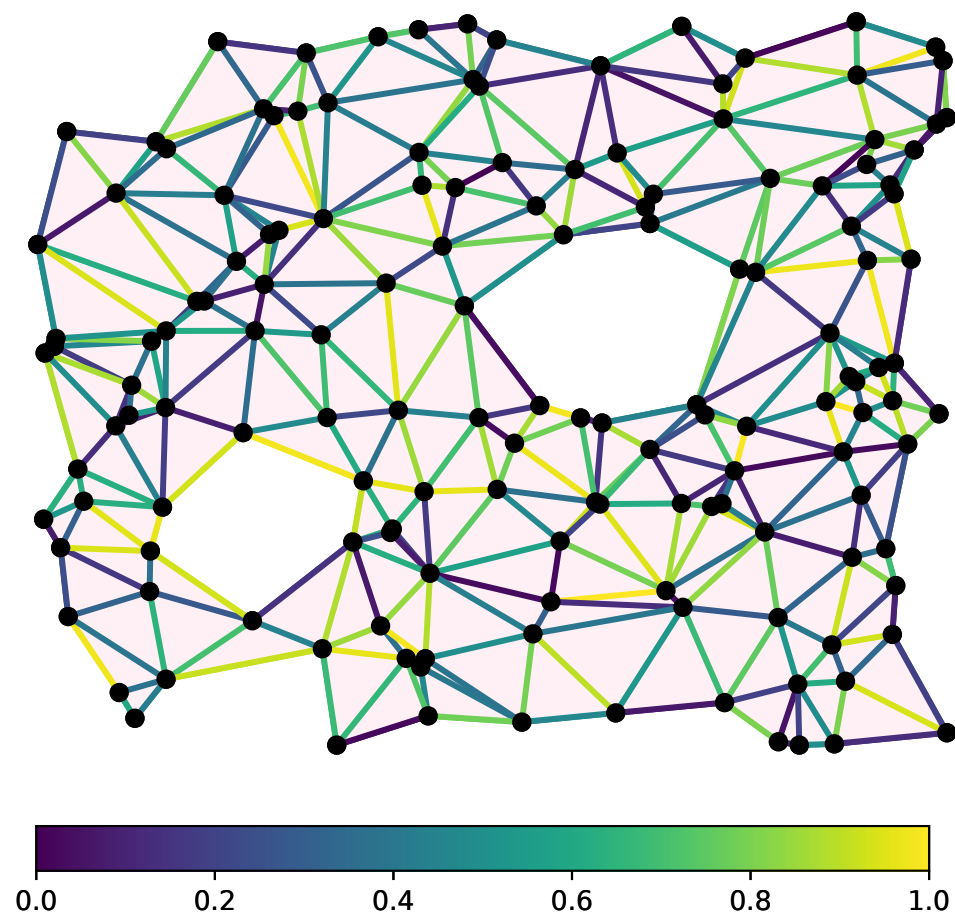
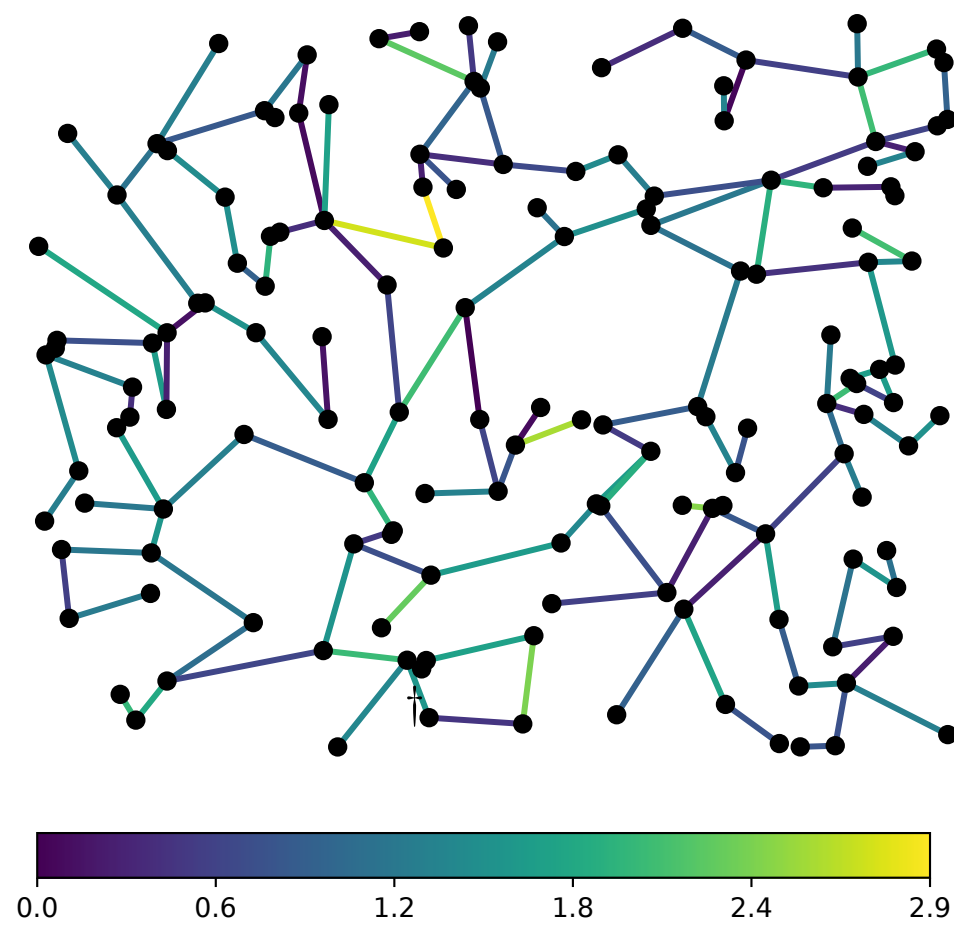


# A Sequence of optimal pairings and reconstruction of the signal $s$

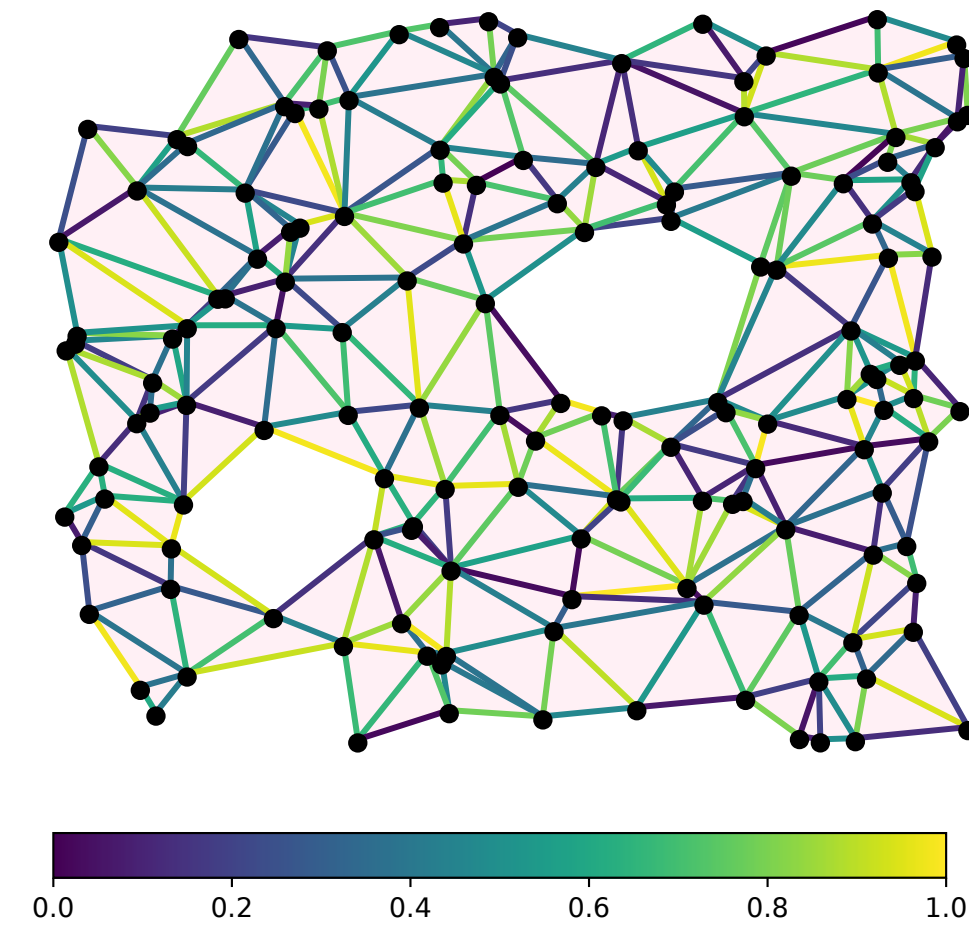
$s = \text{random uniform}$



$\Phi^M s$

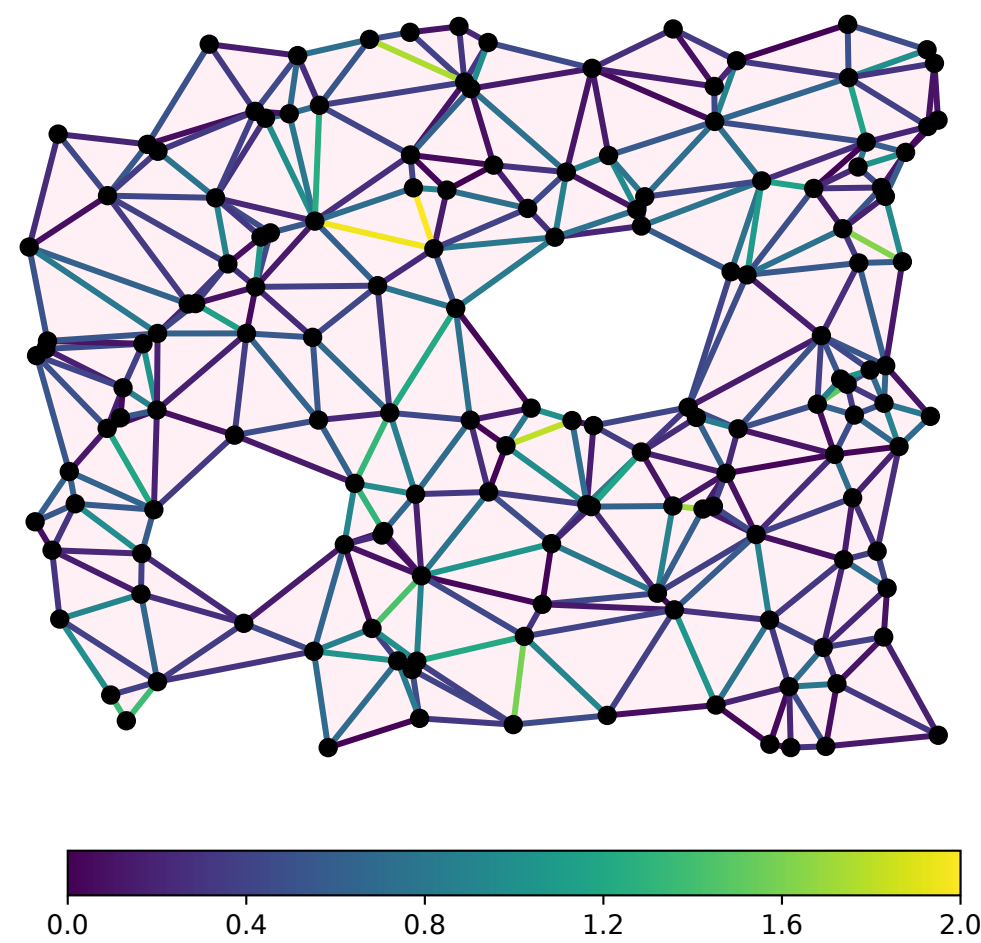


$\Phi^M \Psi^M s$



## B Reconstruction error

$|s - \Phi^M \Psi^M s|$



## C Projection of $s$ and $\Phi^M \Psi^M s$ on the Hodge basis

