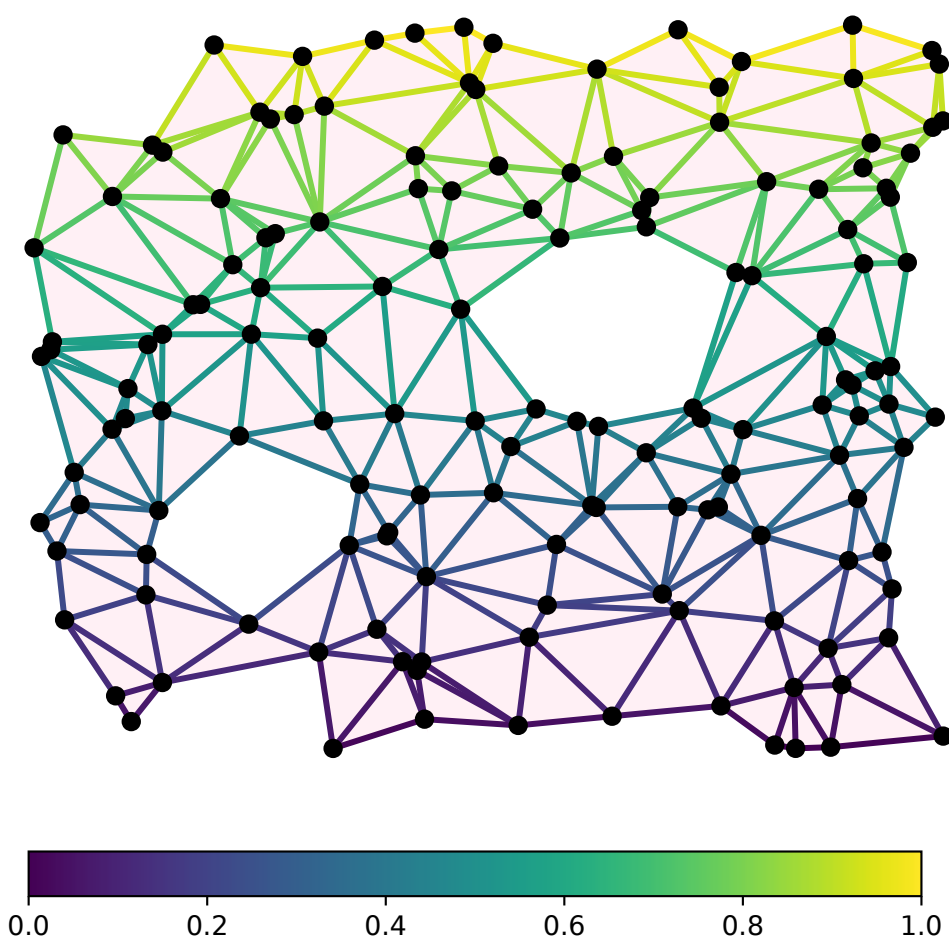
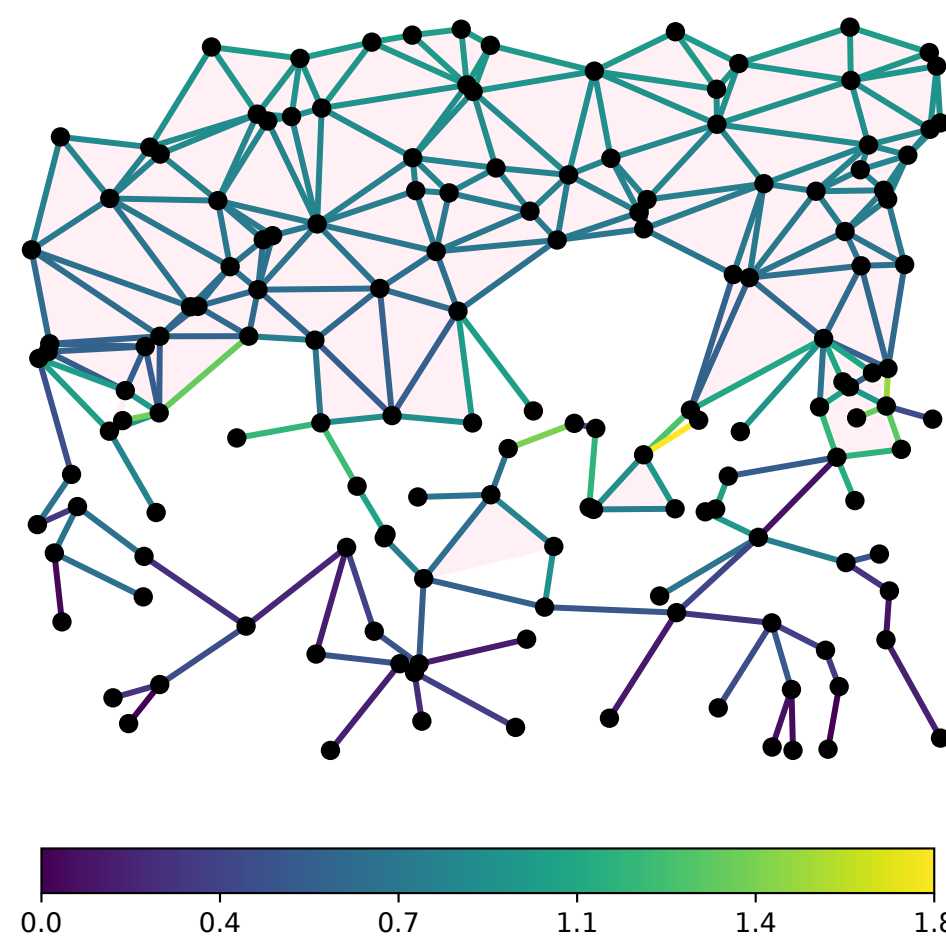


A Sequence of optimal pairings and reconstruction of the signal s

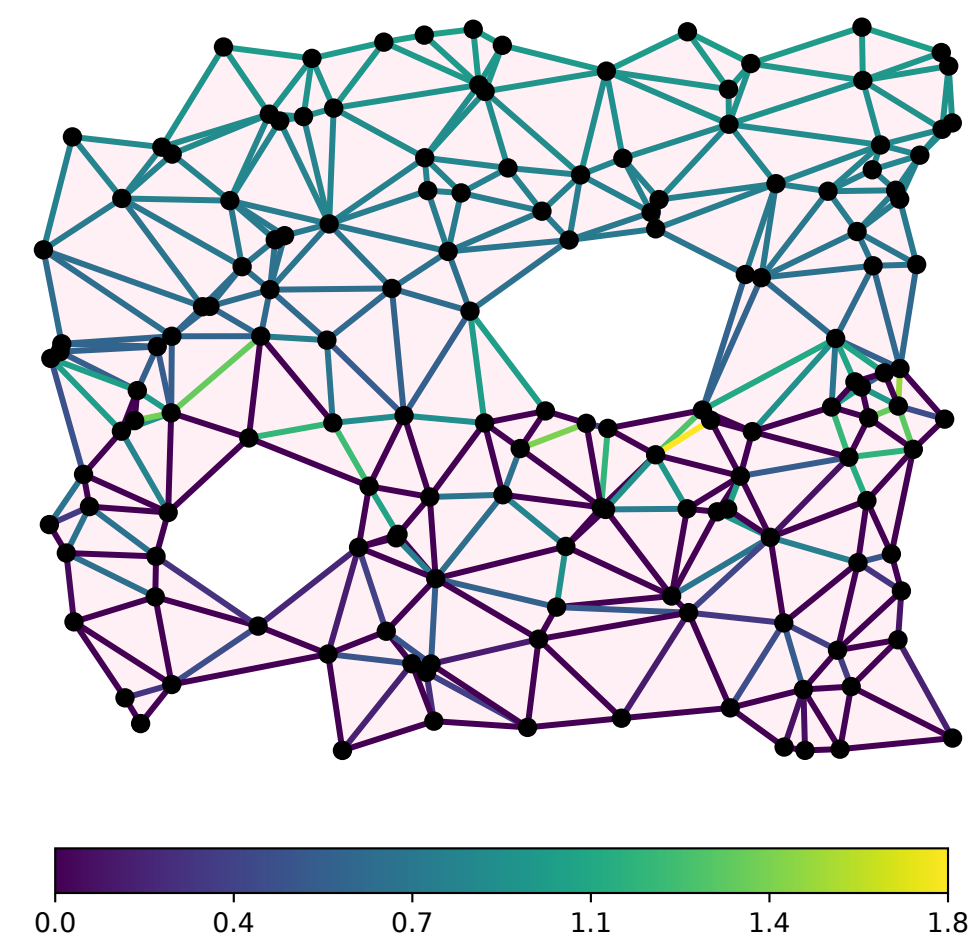
$s = \text{height function}$



$\Phi^M s$

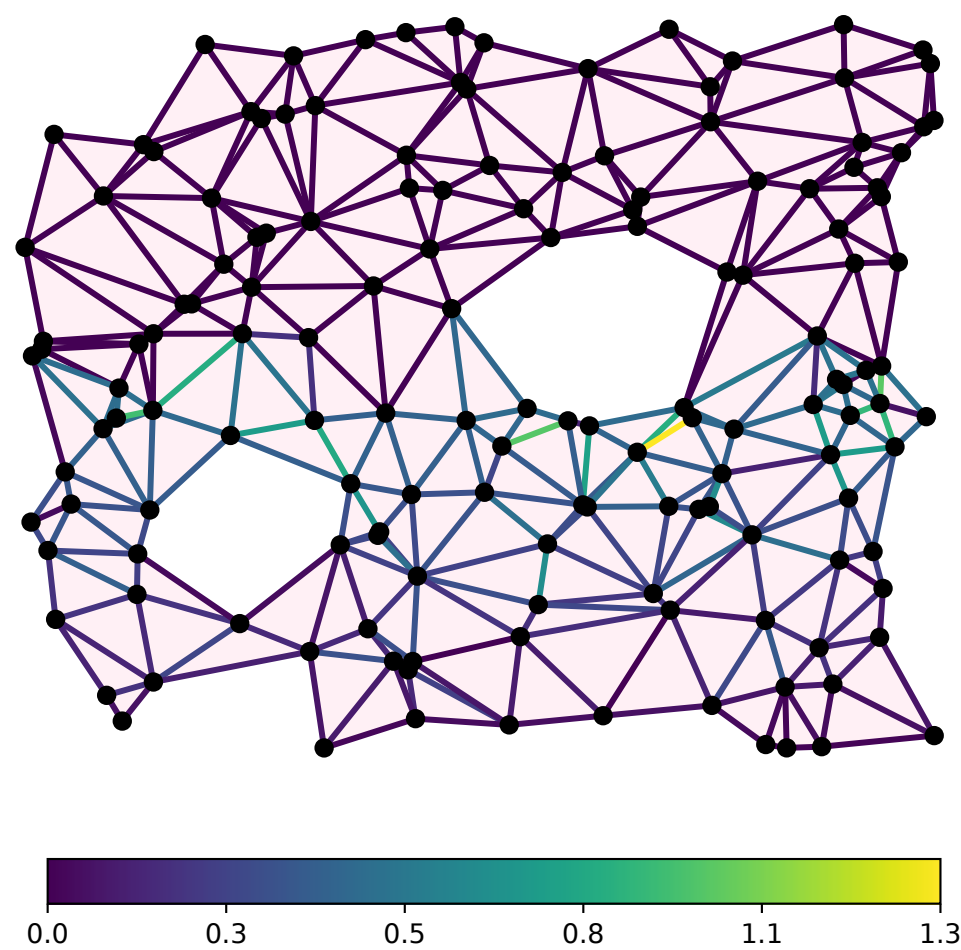


$\Phi^M \Psi^M s$



B Reconstruction error

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



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

