```
function spectralMorass(X, Y) = {
  (reX, imX) = FFT(X extend to 2^n)
  (reY, imY) = FFT(Y extend to 2^n)
  mIm = Morass(reX, reY, P)
  mRe = Morass(imX, imY, P)
  IFFT(mIm, mRe)
}

where P = {
  inputWinSize: 4096
  templateWinSize: 32768,
  analyzeWinType: Hanning,
  synthesizeWinType: Rectangle,
  stepSize: 16,
  ampModulation: 0.0675
  synthesizeWinAmt: 0.0625
}
```