

```
std::function< double  
(std::pair< std::size  
_t, std::size_t > bmu,  
std::pair< std::size_t,  
std::size_t > cell, std  
::size_t iteration, std::  
size_t total_iterations)>
```

m_neighborhood_func

```
std::function< double  
(std::size_t iteration,  
std::size_t total_iterations)>
```

m_learning_restraint_func

Euclid::SOM::SOMTrainer

```
graph LR; A[Euclid::SOM::SOMTrainer] -.->|m_neighborhood_func| B[std::function< double (std::pair< std::size_t, std::size_t > bmu, std::pair< std::size_t, std::size_t > cell, std::size_t iteration, std::size_t total_iterations)>]; A -.->|m_learning_restraint_func| C[std::function< double (std::size_t iteration, std::size_t total_iterations)>];
```