```cpp
 1: #ifndef PATH_H_INCLUDED
 2: #define PATH_H_INCLUDED
 3:
 4: #include <boost/numeric/ublas/vector.hpp>
 5:
 6: #include "TimeGrid.h"
 7:
 8: namespace mctr {
 9:     class Path {
10:     public:
11:         Path(TimeGrid& timeGrid);
12:         ~Path();
13:         double operator()(const std::size_t i);
14:         void operator =(Path& path);
15:
16:     private:
17:         TimeGrid& _data;
18:
19:     };
20:
21: } // namespace mctr
22:
23: #endif // PATH_H_INCLUDED
```