

HomeWork VII

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Test system: Mac os;

Test tools: XCode, Cmake;

Test examples' code are all in ~/07_Naifan_Gao_Mac/src;

I have completed AlgebraicTreeUnary.h . This subclass included four operations, cos, sin, tan and sqrt. As my thinking, I evaluate all cos, sin and tan like this:

Result = Cos(Number);

I'm not sure whether to treat number as degree or radian, so in this completion, I do the calculation in degree.

The test case is as following:

```
const char* expr5str = "(((cos(3.1)*-5.35)+(4.1e-2*(-7.0e+1+sqrt(0.08*5.0e-3))))*(tan(7)-sin(9.0*-0.23)))"
```