

C++11 code 9.5.19: Member function `computeEnergies()` of `SympTimestepWaveEq`
→ [GitLab](#)

```
2 template <typename FUNCTION>
3 double SympTimestepWaveEq<FUNCTION>::computeEnergies(
4     const Eigen::VectorXd &p, const Eigen::VectorXd &q) const {
5     double energy;
6     energy = 0.5 * (p.dot(M_ * p) + q.dot(A_ * q));
7     return energy;
8 } // SympTimestepWaveEq<FUNCTION>::computeEnergies
```