

C++ code 2.14.21: Sub-problem (2-14.s): `NodalValuesToDofs()` for `CRReferenceFiniteElement` → [GitLab](#)

```
2 Eigen::Matrix<double, 1, Eigen::Dynamic>
3 CRReferenceFiniteElement::NodalValuesToDofs(
4     const Eigen::Matrix<double, 1, Eigen::Dynamic> &nodvals) const {
5     LF_VERIFY_MSG(nodvals.cols() == NumEvaluationNodes(),
6                   "nodvals = " << nodvals << " <-> " << NumEvaluationNodes());
7
8     Eigen::MatrixXd coeffs;
9     // TODO: task 2-14.s)
10    // Linear mapping is identity since the set of reference shape functions
11    // forms a cardinal basis with respect to the interpolation nodes
12    coeffs = nodvals;
13    return coeffs;
14 }
```