```
template <int dim>
                                                        template <int dim> inline
unsigned int PolynomialSpace<dim>::
                                                        unsigned int TensorProductPolynomials<dim>::
compute n pols (const unsigned int n) {
                                                        x to the dim (const unsigned int x) {
 unsigned int n pols = n;
                                                          unsigned int v = 1;
 for (unsigned int i=1; i<dim; ++i) {</pre>
                                                          for (unsigned int d=0; d<dim; ++d) {</pre>
   n pols *= (n+i);
                                                             v *= x:
   n pols /= (i+1);
                                                          return v:
 return n pols;
        - - - - - - - After template specialization and applying optimizations: - - - - - - - - - -
                                                        unsigned int TensorProductPolynomials<1>::
unsigned int PolynomialSpace<1>::
                                                        x to the dim(const unsigned int x) {
compute n pols(const unsigned int n) {
                                                          return x:
 return n:
```