

```

> restart
> VektAnalyse := module( )

  export prik, kryds, vekdif, vop, grad, div, rot;

  option package;

  prik := proc(x, y) VectorCalculus[DotProduct](x, y) end proc;
  kryds := proc(x, y) convert(VectorCalculus[CrossProduct](x, y), Vector) end proc;
  vekdif := proc(X, Y) convert(diff(convert(X, list), Y), Vector) end proc;
  vop := proc(X) op(convert(X, list)) end proc;
  grad := proc(X, Y) convert(linalg[grad](X, Y), Vector[column]) end proc;
  div := proc(V) VectorCalculus[Divergence](V) end proc;
  rot := proc(X) uses VectorCalculus; BasisFormat(false); Curl(X) end proc;

  end module;
> lib := cat(kernelopts(mapledir), kernelopts(dirsep), "lib\\VektAnalyse.mla")
> savelib('VektAnalyse', lib);

```