```
Dir = (XI[2] - XI[1]);
le = SMSSqrt[Dir.Dir];
tang = Dir/le;
UDerivative = UI[2].tang - UI[1].tang
Potential = 0.5 (Em * A * UDerivative * UDerivative) * le;
R = SMSD[Potential, DOFVector];
K ⊧ SMSD[R, DOFVector];
```