1. 划分单元和节点
2. 确定自由度总数(numDOF)和被约束的自由度(restrainedDOF),则同时确定激活的自由度(activeDOF)
3. 确定载荷force(numDOF)
4. 写出刚度矩阵stiffness(numDOF\* numDOF)
5. 划行划列法去掉约束自由度对应的行列
6. 计算节点位移displacement(activeDOF)= stiffness(activeDOF\*activeDOF)-1×force(activeDOF)
7. 计算节点应力σ=E/L\*[-C,-S,C,S]\*displacement(eleDOF,eleDOF) (eleDOF为单元对应的自由度)
8. 计算支座反力reaction(restrainedDOF)=stiffness\*displacement