3 Weak Form of Equivalent Integration

- 3.1 Weak form of equivalent integration for differential equations
- 3.2 Weak form of one-dimensional elasticity problems
- 3.3 Finite element computation based on weak form
- 3.4 Global assembly from one-dimensional elements
- 3.5 Treatments on boundary conditions
- 3.6 Exercises





3.4 Global assembly from one-dimensional elements Then for each element we define the relationship of the local nodes to the global node number

• Table 3.2 Local to global node numbering for two-end element for one-dimensional elastic beam.

botti nout		
number 1 1 2	3	<i>N</i> -1
2 2 3	4	N





































