

Type of support	Displacement boundary conditions	Force boundary conditions	
z ł FREE	None	All, as specified	
z PINNED x	u = 0 w = 0	Moment is specified	
ROLLER (vertical)	u = 0	Transverse force and moment are specified	-
ROLLER (horizontal)	w = 0	Horizontal force and bending moment are specified	
EXED or CLAMPED	u = 0 w = 0 dw/dx = 0	None specified	[From Reddy, Finit Element Method]





## CTN 10/14/11

## <u>EE 245: Introduction to MEMS</u> <u>Lecture 16m: Beam Combos I</u>



