Job Information

	Engineer	Checked	Approved
Name:	Bhavesh Bajaj		
Date:	30-Sep-25		

Comments:	
Structure Type:	SPACE FRAME

Geometry

Entity Type	Count	Highest
Nodes	4	4
Analytical Members	3	3

Load Cases

Load Case Type	Count
Primary	3
Combination	1

Included in this printout are data for:

All	The Whole Structure

Load Case Table

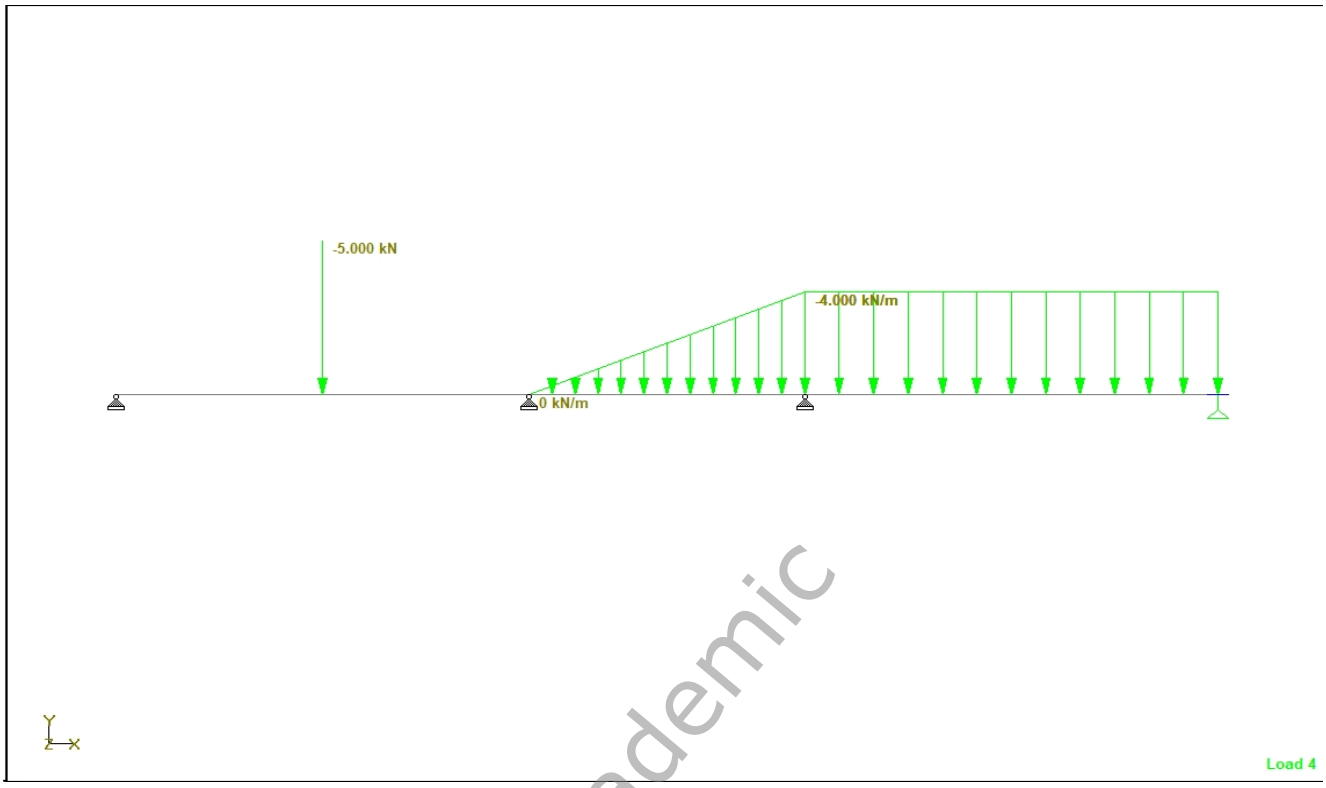
Included in this printout are results for load cases:

L/C	Type	Name
1	Primary	PT LOAD
2	Primary	UVL
3	Primary	UDL
4	Combination	COMBINATION LOAD CASE 4

Beams

Beam	Node A	Node B	Length (m)	Property	β (rad)
1	1	2	3.000	1	0.000
2	2	3	2.000	1	0.000
3	3	4	3.000	1	0.000

Academic



Loading Condition (Input data was modified after picture taken)

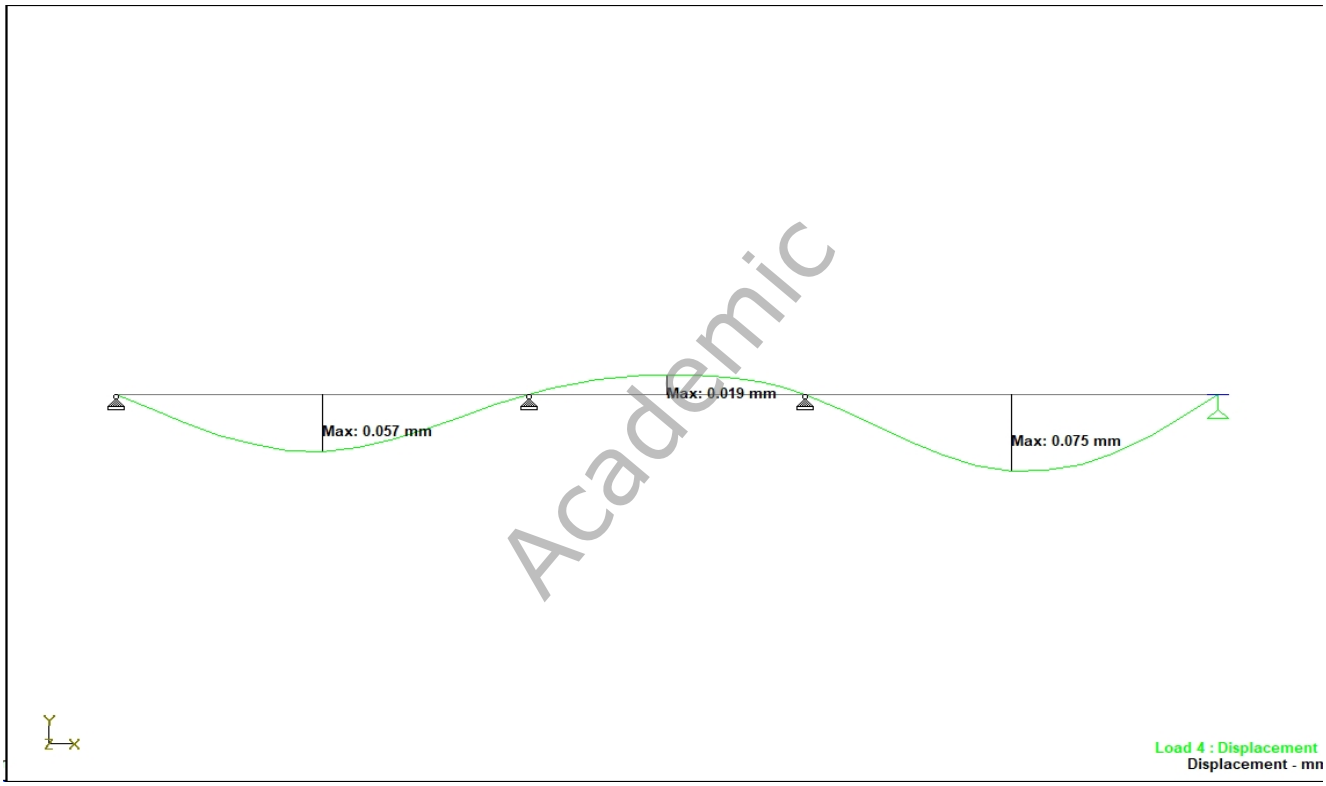
Academic

Reactions

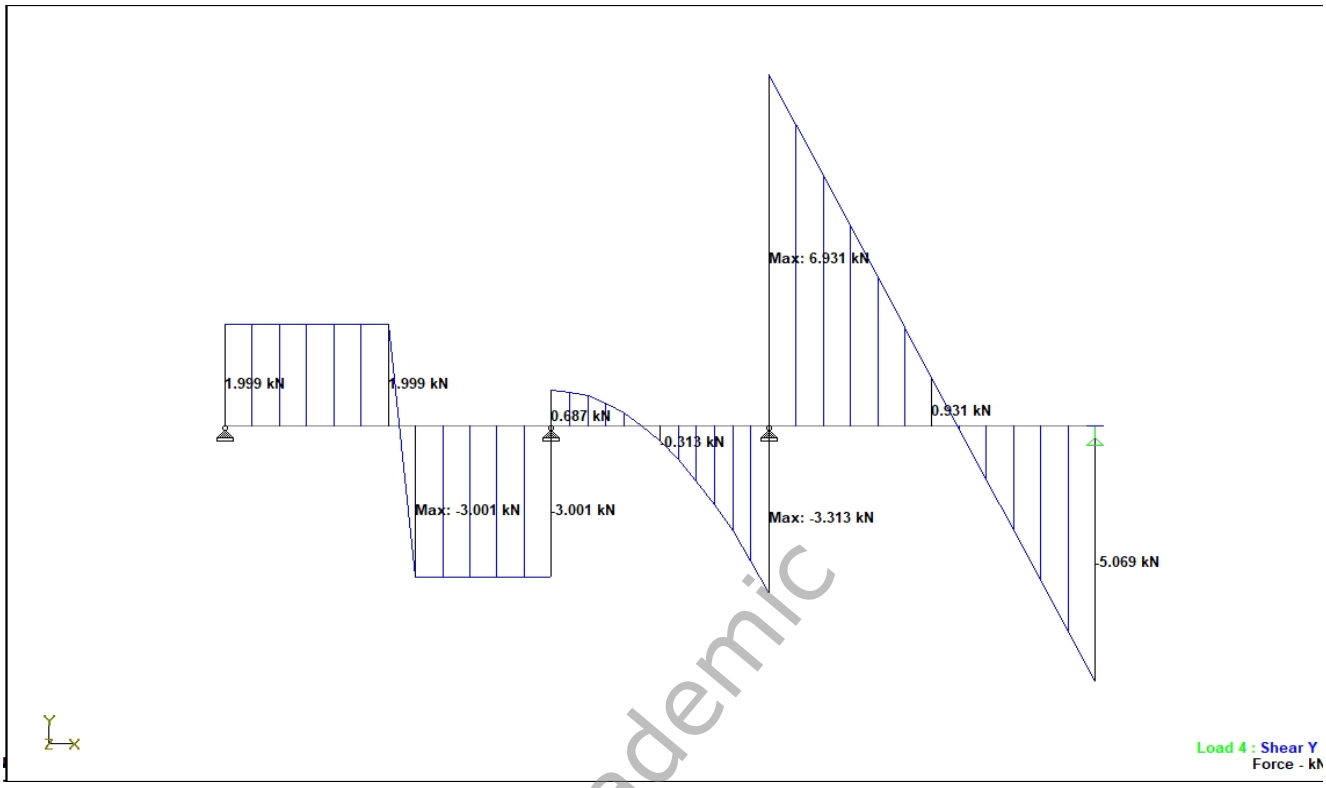
Node	L/C	Horizontal FX (kN)	Vertical FY (kN)	Horizontal FZ (kN)	Moment MX (kN-m)	Moment MY (kN-m)	Moment MZ (kN-m)
1	1	0.000	1.928	0.000	0.000	0.000	0.000
	2	0.000	-0.099	0.000	0.000	0.000	0.000
	3	0.000	0.170	0.000	0.000	0.000	0.000
	4	0.000	1.999	0.000	0.000	0.000	0.000
2	1	0.000	4.089	0.000	0.000	0.000	0.000
	2	0.000	1.396	0.000	0.000	0.000	0.000
	3	0.000	-1.798	0.000	0.000	0.000	0.000
	4	0.000	3.688	0.000	0.000	0.000	0.000
3	1	0.000	-1.124	0.000	0.000	0.000	0.000
	2	0.000	2.825	0.000	0.000	0.000	0.000
	3	0.000	8.543	0.000	0.000	0.000	0.000
	4	0.000	10.244	0.000	0.000	0.000	0.000
4	1	0.000	0.106	0.000	-2.000	0.000	0.000
	2	0.000	-0.122	0.000	0.000	0.000	0.000

Reactions Cont...

Node	L/C	Horizontal FX (kN)	Vertical FY (kN)	Horizontal FZ (kN)	Moment MX (kN-m)	MY (kN-m)	MZ (kN-m)
4	3	0.000	5.085	0.000	0.000	0.000	0.000
	4	0.000	5.069	0.000	-2.000	0.000	0.000

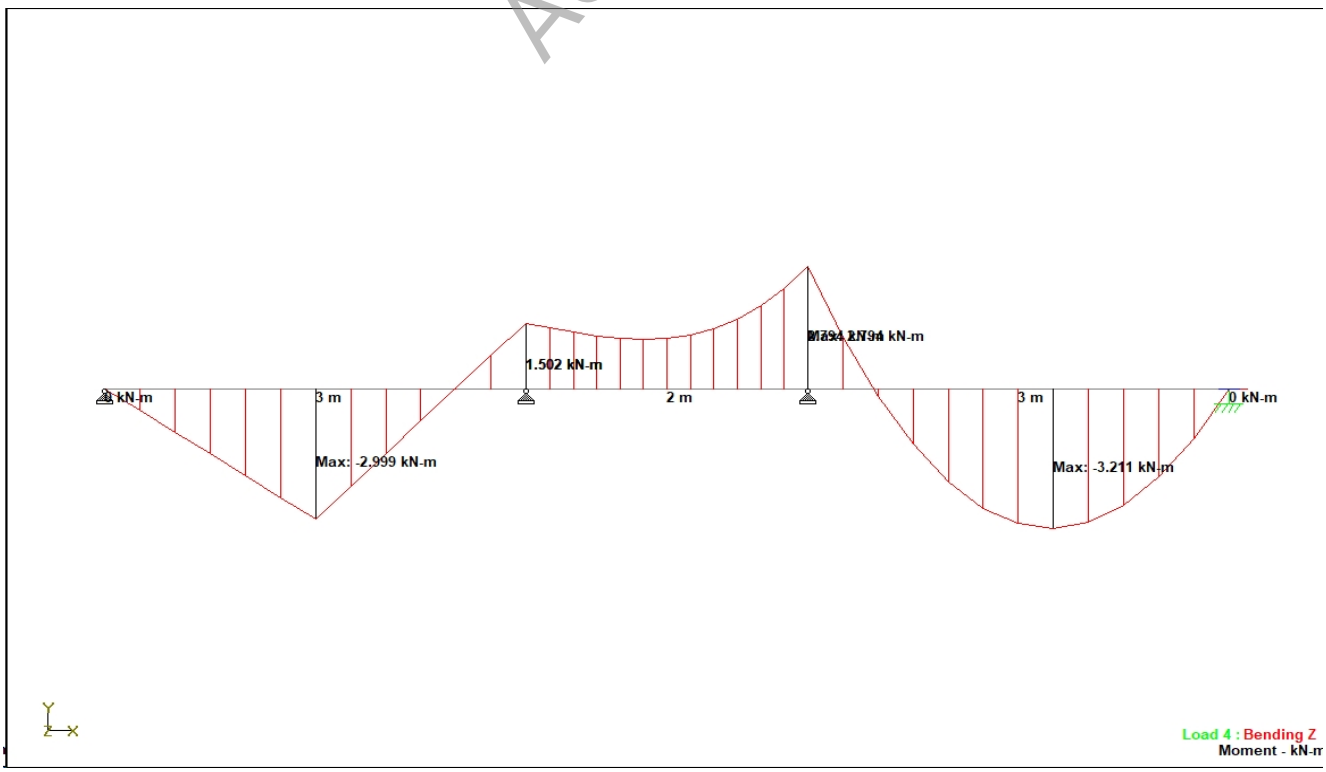


Displacement / Deflection Profile (Input data was modified after picture taken)



SFD (Input data was modified after picture taken)

Academic



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