CE 2213

Total points 20/100

Double Integration Method (Time = 10 Minutes)

Email *

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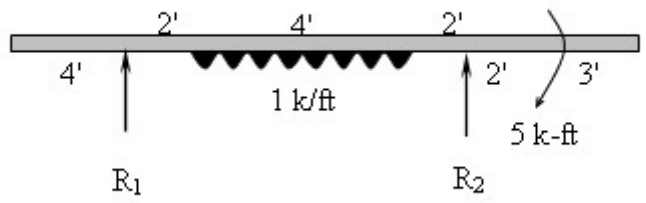
I am promising that I shall not adopt any unfair means. *

- (●) Yes
- ( ) No

Roll No.(Write Full Roll i.e. 1800023): *

1800131

Question: Compute the Location and Magnitude of Maximum 'Ely' of the following loaded beam.



- ( ) Option 1

Q.1 What is the Value of R1 (Left Reaction)? 10/10

- ( ) 5.625k
- ( ) 12.750k
- (●) −2.625k
- ( ) −10.250k

Q.2 What is the Value of R2 (Right Reaction)? 10/10

- −5.625k
- -1.375k
- 5.625k
- 3.500k

Q.3 What is the Value of C1? 0/20

- +21.33
- −34.65
- -21.33
- -56.35

Q.4 What is the Value of C2? 0/20

- 125
- 210
- −525
- 0

Q.5 What is the Location of Maximum Deflection from Left Support in ft? 0/20

- 4.20
- 5.50
- 7.25
- 6.50

Q. 6 What is the Magnitude of Maximum Deflection in 1/EI? 0/20

- 25.25
- 15.50
- 58.15
- 45.20

Google Forms