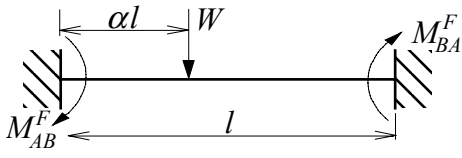
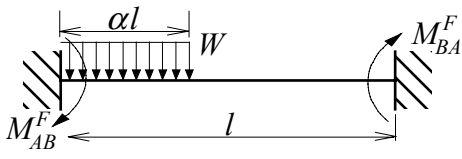
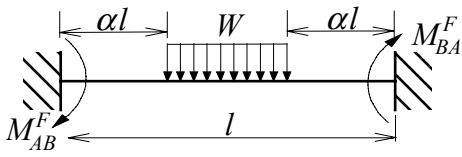
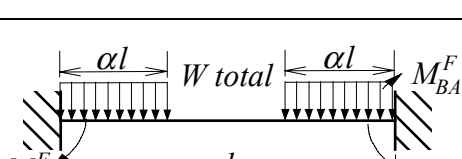
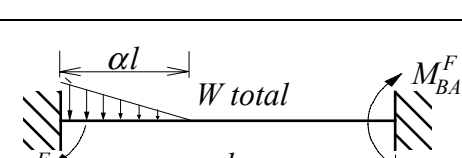
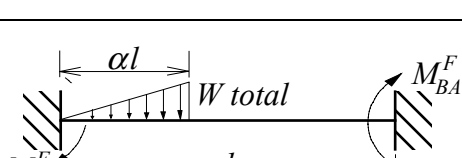
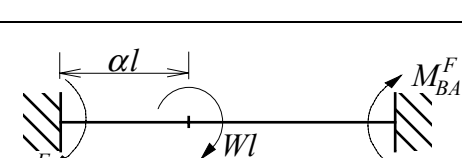
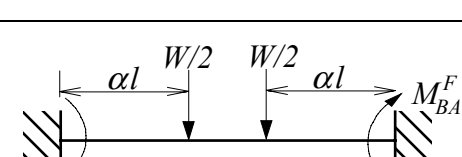


FIXED-END MOMENTS:

| General Cases | | |
|--|--|------------------------------------|
| <i>All F.E.M. values = (Formula x Total Load W x Span l)</i> | | |
| M_{AB}^F | Load Case | M_{BA}^F |
| $-\alpha(1-\alpha)^2$ |  | $\alpha^2(1-\alpha)$ |
| $-\frac{\alpha(6-8\alpha+3\alpha^2)}{12}$ |  | $\frac{\alpha^2(4-3\alpha)}{12}$ |
| $-\frac{(1+2\alpha-2\alpha^2)}{12}$ |  | $\frac{(1+2\alpha-2\alpha^2)}{12}$ |
| $-\frac{\alpha(3-2\alpha)}{12}$ |  | $\frac{\alpha(3-2\alpha)}{12}$ |
| $-\frac{\alpha(10-10\alpha+3\alpha^2)}{30}$ |  | $\frac{\alpha^2(5-3\alpha)}{30}$ |
| $-\frac{\alpha(10-15\alpha+6\alpha^2)}{15}$ |  | $\frac{\alpha^2(5-4\alpha)}{10}$ |
| $-(1-\alpha)(1-3\alpha)$ |  | $\alpha(2-3\alpha)$ |
| $-\frac{\alpha(1-\alpha)}{2}$ |  | $\frac{\alpha(1-\alpha)}{2}$ |