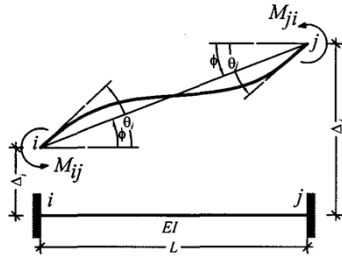


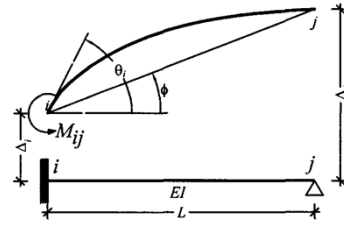
AÇI METODU DENKLEMLERİ



$$M_{ij} = \frac{2EI}{L} (2\theta_i + \theta_j - 3\phi) + M_{ij}^F$$

$$M_{ji} = \frac{2EI}{L} (\theta_i + 2\theta_j - 3\phi) + M_{ji}^F$$

$$\phi = \frac{(\Delta_j - \Delta_i)}{L}$$



$$M_{ij} = \frac{3EI}{L} (\theta_i - \phi) + M_{ij}^F$$

$$M_{ji} = 0$$

$$\phi = \frac{(\Delta_j - \Delta_i)}{L}$$

ANKASTRELİK MOMENTLER

<p>$(FEM)_{AB} = \frac{PL}{8}$ $(FEM)_{BA} = \frac{PL}{8}$</p>	<p>$(FEM)_{AB} = \frac{3PL}{16}$</p>
<p>$(FEM)_{AB} = \frac{Pb^2a}{L^2}$ $(FEM)_{BA} = \frac{Pa^2b}{L^2}$</p>	<p>$(FEM)_{AB} = \left(\frac{P}{L^2}\right)(b^2a + \frac{a^2b}{2})$</p>
<p>$(FEM)_{AB} = \frac{2PL}{9}$ $(FEM)_{BA} = \frac{2PL}{9}$</p>	<p>$(FEM)_{AB} = \frac{PL}{3}$</p>
<p>$(FEM)_{AB} = \frac{5PL}{16}$ $(FEM)_{BA} = \frac{5PL}{16}$</p>	<p>$(FEM)_{AB} = \frac{45PL}{96}$</p>
<p>$(FEM)_{AB} = \frac{wL^2}{12}$ $(FEM)_{BA} = \frac{wL^2}{12}$</p>	<p>$(FEM)_{AB} = \frac{wL^2}{8}$</p>
<p>$(FEM)_{AB} = \frac{11wL^2}{192}$ $(FEM)_{BA} = \frac{5wL^2}{192}$</p>	<p>$(FEM)_{AB} = \frac{9wL^2}{128}$</p>
<p>$(FEM)_{AB} = \frac{wL^2}{20}$ $(FEM)_{BA} = \frac{wL^2}{30}$</p>	<p>$(FEM)_{AB} = \frac{wL^2}{15}$</p>
<p>$(FEM)_{AB} = \frac{5wL^2}{96}$ $(FEM)_{BA} = \frac{5wL^2}{96}$</p>	<p>$(FEM)_{AB} = \frac{5wL^2}{64}$</p>
<p>$(FEM)_{AB} = \frac{6EI\Delta}{L^2}$ $(FEM)_{BA} = \frac{6EI\Delta}{L^2}$</p>	<p>$(FEM)_{AB} = \frac{3EI\Delta}{L^2}$</p>
<p>$(FEM)_{AB} = \frac{4EI}{L} \theta$ $(FEM)_{BA} = \frac{2EI}{L} \theta$</p>	<p>$(FEM)_{AB} = \frac{3EI}{L} \theta$</p>