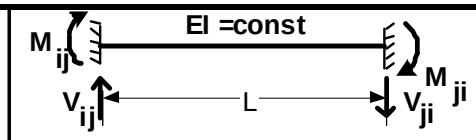
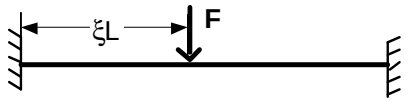
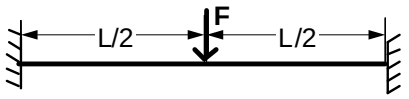
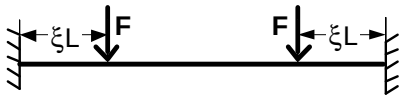
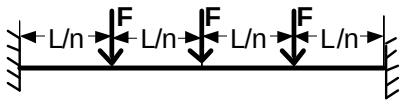
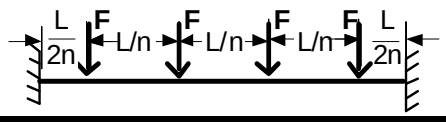
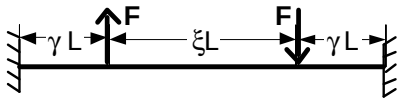
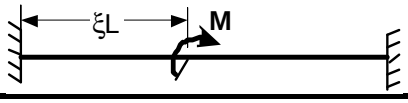
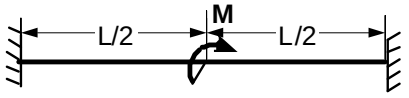
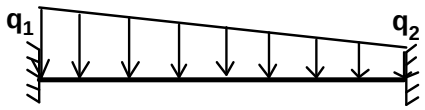
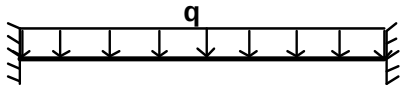
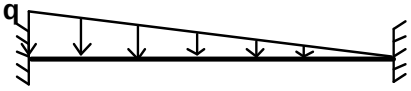
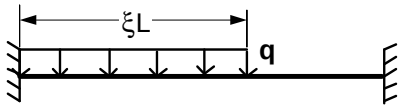
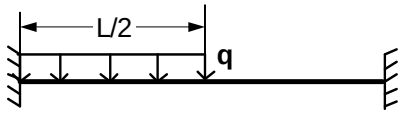
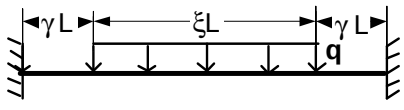
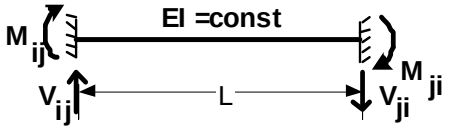
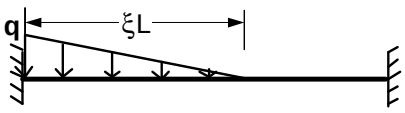
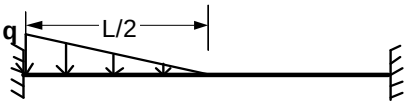
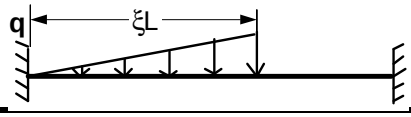
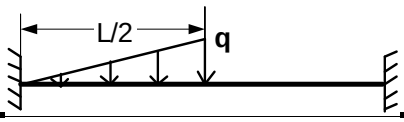
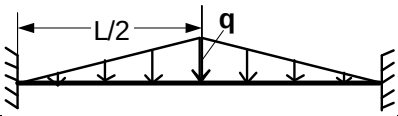
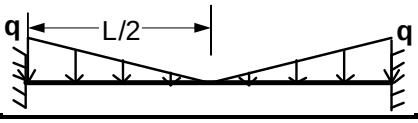
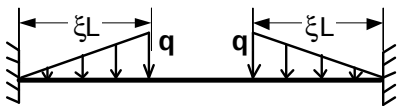
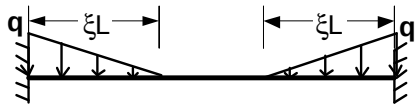
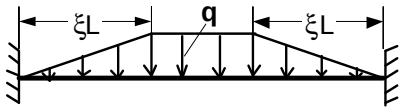
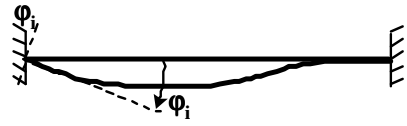
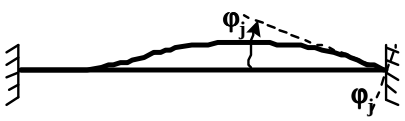
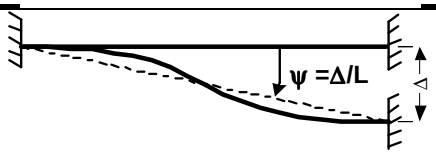
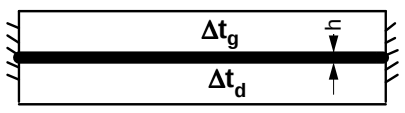
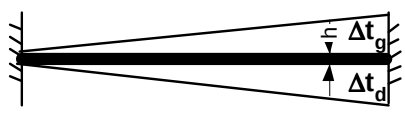
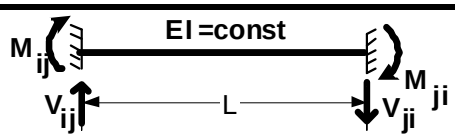
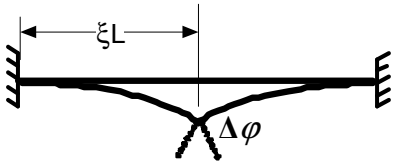
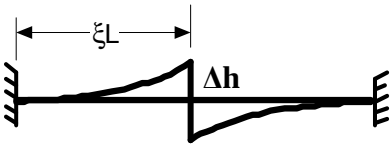
MOMENTY I SIŁY BRZEGOWE
PRĘT OBUSTRONNIE UTWIERDZONY

M_{ij} V_{ij}		M_{ji} V_{ji}
$M_{ij} = -FL\xi(1-\xi)^2$ $V_{ij} = F(1+2\xi)(1-\xi)^2$		$M_{ji} = FL\xi^2(1-\xi)$ $V_{ji} = -F\xi^2(3-2\xi)$
$M_{ij} = -FL/8$ $V_{ij} = F/2$		$M_{ji} = FL/8$ $V_{ji} = -F/2$
$M_{ij} = -FL\xi(1-\xi)$ $V_{ij} = F$		$M_{ji} = FL\xi(1-\xi)$ $V_{ji} = -F$
$M_{ij} = -FL(n-1/n)/12$ $V_{ij} = F(n-1)/2$		$M_{ji} = FL(n-1/n)/12$ $V_{ji} = -F(n-1)/2$
$M_{ij} = -FL(n+0.5/n)/12$ $V_{ij} = Fn/2$		$M_{ji} = FL(n+0.5/n)/12$ $V_{ji} = -Fn/2$
$M_{ij} = FL\xi(1-\xi^2)/4$ $V_{ij} = -F\xi(3-\xi^2)/2$		$M_{ji} = FL\xi(1-\xi^2)/4$ $V_{ji} = -F\xi(3-\xi^2)/2$
$M_{ij} = M(1-\xi)(3\xi-1)$ $V_{ij} = -6M\xi(1-\xi)/L$		$M_{ji} = M\xi(2-3\xi)$ $V_{ji} = -6M\xi(1-\xi)/L$
$M_{ij} = M/4$ $V_{ij} = -1.5M/L$		$M_{ji} = M/4$ $V_{ji} = -1.5M/L$
$M_{ij} = -(3q_1+2q_2)L^2/60$ $V_{ij} = (7q_1+3q_2)L/20$		$M_{ji} = (2q_1+3q_2)L^2/60$ $V_{ji} = -(3q_1+7q_2)L/20$
$M_{ij} = -qL^2/12$ $V_{ij} = qL/2$		$M_{ji} = qL^2/12$ $V_{ji} = -qL/2$
$M_{ij} = -qL^2/20$ $V_{ij} = 7qL/20$		$M_{ji} = qL^2/30$ $V_{ji} = -3qL/20$
$M_{ij} = -qL^2\xi^2[6-\xi(8-3\xi)]/12$ $V_{ij} = qL\xi[1-\xi^2(1-\xi/2)]$		$M_{ji} = qL^2\xi^3(4-3\xi)/12$ $V_{ji} = -qL\xi^3(1-\xi/2)$
$M_{ij} = -11qL^2/192$ $V_{ij} = 13qL/32$		$M_{ji} = 5qL^2/192$ $V_{ji} = -3qL/32$
$M_{ij} = -qL^2\xi(3-\xi^2)/24$ $V_{ij} = qL\xi/2$		$M_{ji} = qL^2\xi(3-\xi^2)/24$ $V_{ji} = -qL\xi/2$

M_{ij} Vij		M_{ji} V_{ji}
$M_{ij} = -qL^2\xi^2[10-\xi(10-3\xi)]/60$ $V_{ij} = qL\xi[1/2-\xi^2(5-2\xi)/20]$		$M_{ji} = qL^2\xi^3(5-3\xi)/60$ $V_{ji} = -qL\xi^3(5-2\xi)/20$
$M_{ij} = -23qL^2/960$ $V_{ij} = 9qL/40$		$M_{ji} = 7qL^2/960$ $V_{ji} = -qL/40$
$M_{ij} = -qL^2\xi^2[10-\xi(15-6\xi)]/30$ $V_{ij} = qL\xi[1/2-\xi^2(15-8\xi)/20]$		$M_{ji} = qL^2\xi^3(5-4\xi)/20$ $V_{ji} = -qL\xi^3(15-8\xi)/20$
$M_{ij} = -qL^2/30$ $V_{ij} = 29qL/160$		$M_{ji} = 3qL^2/160$ $V_{ji} = -11qL/160$
$M_{ij} = -5qL^2/96$ $V_{ij} = qL/4$		$M_{ji} = 5qL^2/96$ $V_{ji} = -qL/4$
$M_{ij} = -qL^2/32$ $V_{ij} = qL/4$		$M_{ji} = qL^2/32$ $V_{ji} = -qL/4$
$M_{ij} = -qL^2\xi^2(4-3\xi)/12$ $V_{ij} = qL\xi/2$		$M_{ji} = qL^2\xi^2(4-3\xi)/12$ $V_{ji} = -qL\xi/2$
$M_{ij} = -qL^2\xi^2(2-\xi)/12$ $V_{ij} = qL\xi/2$		$M_{ji} = qL^2\xi^2(2-\xi)/12$ $V_{ji} = -qL\xi/2$
$M_{ij} = -qL^2[1-\xi^2(2-\xi)]/12$ $V_{ij} = qL(1-\xi)/2$		$M_{ji} = qL^2[1-\xi^2(2-\xi)]/12$ $V_{ji} = -qL(1-\xi)/2$
$M_{ij} = 4EI\varphi_i/L$ $V_{ij} = -6EI\varphi_i/L^2$		$M_{ji} = 2EI\varphi_i/L$ $V_{ji} = -6EI\varphi_i/L^2$
$M_{ij} = 2EI\varphi_j/L$ $V_{ij} = -6EI\varphi_j/L^2$		$M_{ji} = 4EI\varphi_j/L$ $V_{ji} = -6EI\varphi_j/L^2$
$M_{ij} = -6EI\psi/L$ $V_{ij} = 12EI\psi/L^2$		$M_{ji} = -6EI\psi/L$ $V_{ji} = 12EI\psi/L^2$
$M_{ij} = -EI\alpha_T(\Delta t_d - \Delta t_g)/h$ $V_{ij} = 0$		$M_{ji} = EI\alpha_T(\Delta t_d - \Delta t_g)/h$ $V_{ji} = 0$
$M_{ij} = 0$ $V_{ij} = -EI\alpha_T(\Delta t_d - \Delta t_g)/(Lh)$		$M_{ji} = EI\alpha_T(\Delta t_d - \Delta t_g)/h$ $V_{ji} = -EI\alpha_T(\Delta t_d - \Delta t_g)/(Lh)$

M_{ij} Vij		M_{ji} V_{ji}
$M_{ij} = 2 \cdot (3 \cdot \xi - 2) \cdot \frac{EI}{L} \cdot \Delta\varphi$		$M_{ji} = 2 \cdot (3 \cdot \xi - 1) \cdot \frac{EI}{L} \cdot \Delta\varphi$
$V_{ij} = 6 \cdot (1 - 2 \cdot \xi) \cdot \frac{EI}{L^2} \cdot \Delta\varphi$		$V_{ji} = 6 \cdot (1 - 2 \cdot \xi) \cdot \frac{EI}{L^2} \cdot \Delta\varphi$
$M_{ij} = 6 \cdot \frac{EI}{L^2} \cdot \Delta h$		$M_{ij} = 6 \cdot \frac{EI}{L^2} \cdot \Delta h$
$V_{ij} = -12 \cdot \frac{EI}{L^3} \cdot \Delta h$		$V_{ji} = -12 \cdot \frac{EI}{L^3} \cdot \Delta h$