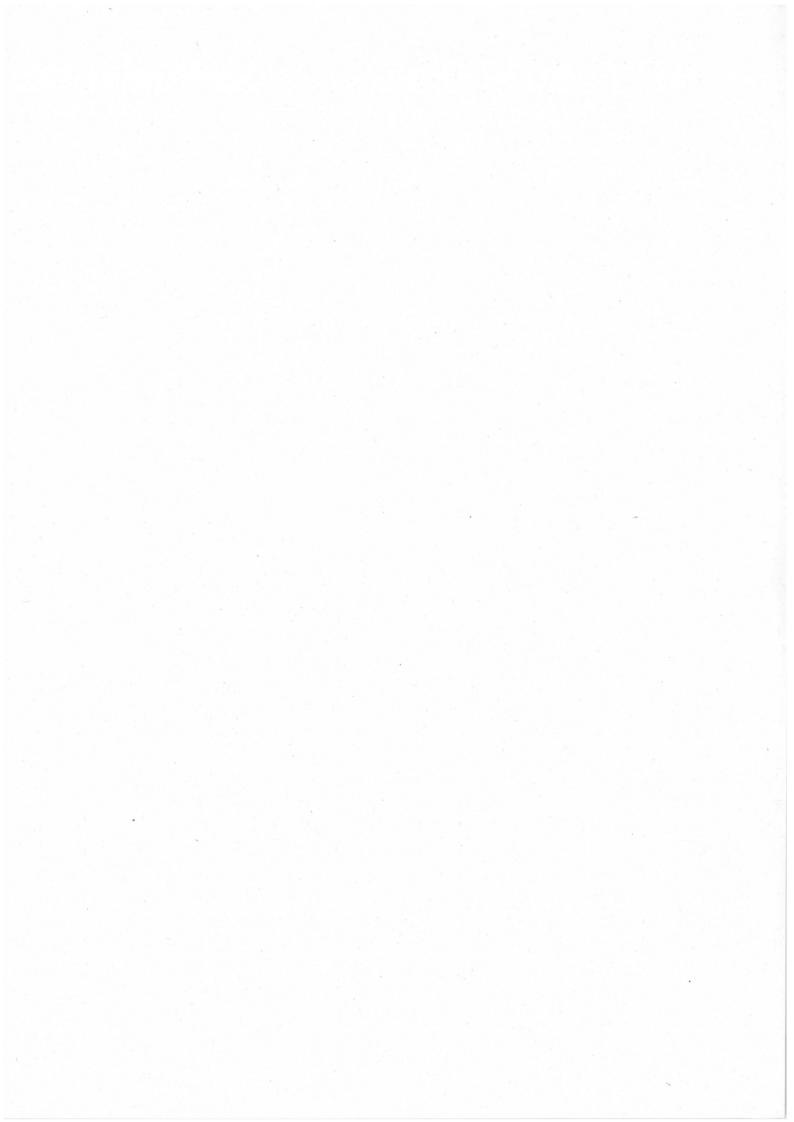
Statiliai aggenestelliseg P, F, d orment My = Mc - Fex Ren 4 - Fig (1-00) () RUE[ 9.11/2] heij litongonateh makimama? M42=Mc - FCX R Sh & - Top R (1-609) - FR Sh (4-17) AB, C, D? V.E[T/2, 311/2] MH3 = Mc-Fcx Rang-Fash(1-wsb)-FRcosy-FRsh(4-51) 48[3] 217 UC=IMH OH ds=12E & SMM OHAN Rdl + SMM OHAN Rdl = 6 tex=0; Fg=-7; Mc=-TR =-TR =-M3 1 Mo 1 > /Mc 1 MHMAX = FR



Les Répullentaisel II. IT. IT. 12.21 42 1 4/2 My = F & ; & ELO, 427 maximarles el mordulas AB Light? WC=/ mgalmontall DE-vel  $H_{42} = \mp \cdot - 2\mp (-\frac{1}{2}) = \mp \cdot 2 - \mp = \pm \cdot = \pm \cdot$ Lit adott, IE = allendo } < [[[12, L] lugalmantal VE-e - Kapsolidasi' es Perenjeltetelek (1) W<sub>1</sub>(42) = W<sub>2</sub>(42) - MH = W,"(\$); \$ E[ 9, L/2] (2) W, (1/2) = W2 (1/2) (3) W<sub>1</sub>(1/2)=0 rage W<sub>2</sub>(1/2)=0 - MHZ = + W2"(f); fell2, L]  $(4) W_2(L) = 0$  $W_n'(\xi) = \int_{-1}^{\infty} \frac{F}{1E} \int d\xi = -\frac{F}{1E} \left( \frac{\xi^2}{2} + C_m \right)$  $W_{1}(\xi) = \int W_{1}(\xi) d\xi = -\frac{7}{15} \left( \frac{\xi^{3}}{6} + C_{11} \right) + C_{12}$  $V_2'(\xi) = -\frac{7}{1E} \left\{ \xi + L \right\} d\xi = -\frac{7}{7E} \left\{ \xi^2 + L \xi + C_{21} \right\}$  $W_2(\S) = \int W_2(\S) d\S = -\frac{7}{77} \left(\frac{\S^3}{6} + L_2^{\S^2} + C_{21} + C_{21}\right)$ Can, Caz, Cza, Czz meghatarozasa

7- FE ( 13+CM = 1 C2) = - F( 13+L) + C2 + C2)

$$(2) \quad -\frac{F}{2E}\left(\frac{L^2}{p}+C_m\right) = -\frac{F}{7E}\left(\frac{L^2}{p}+\frac{L^2}{4}+C_m\right)$$

(4) 
$$-\frac{7}{16}\left(-\frac{L^3}{6} + \frac{L^3}{2} + C_{21} \cdot L + C_{22}\right) = 0$$

$$C_{M} = -\frac{5L^{2}}{24i}C_{m} = \frac{L_{3}^{3}}{l_{R}i}C_{2A} = -\frac{ML^{2}}{24i}C_{2a} = +\frac{L_{3}^{3}}{l_{g}}$$

Warner' meghatabrozasa = nelső értekkéreses

$$-\frac{1}{1}\left(-\frac{\xi^{2}}{2}+L\xi+\left(-\frac{ML^{2}}{24}L^{2}\right)\right)=0$$

$$\int_{12}=-\frac{L^{2}}{L^{2}}\frac{1}{L^{2}}\frac{1}{RL^{2}}=L\left(1\pm\frac{1}{R}\right)$$

$$W_{c}-W_{n}(o)=\frac{\Xi}{12}-\frac{L^{3}}{12}$$

A W(L/2) B DX W(L/2) B DX  $b_{MAX} = 60 MPa, W(L/2) = -\frac{1}{600}, E = 2000 Pa, b/l = ?$   $2P. T_A = T_B = \frac{PC}{2}$   $M_{H} = -\frac{PC}{2} \times -\frac{PC}{2}$   $M_{H} = -\frac{PC}{2} \times -\frac{PC}{2}$   $M_{H} = -\frac{PC}{2} \times -\frac{PC}{2}$   $M_{H} = -\frac{PC}{2} \times -\frac{PC}{2} \times -\frac{PC}{2}$ Max = Max = - pl - L + p L = - pl 2 BMAX = MHMAX (-6) = PL & = 60 MPa /(X)  $W(X) = \frac{M_{H}}{I_{S}E}$  $W'(x) = \int_{21/2}^{2} \left(-Lx + x^2\right) dx = -\frac{1}{21/2} \left(-L\frac{x^2}{2} + \frac{x^3}{3} + C_n\right)$  $W(X) = \int W(X) dX = -\frac{1}{215E} \left( -\frac{1}{6} + \frac{x^3}{12} + \frac{x^4}{12} + C_4 \times + C_2 \right)$ peren feltetelek  $W(0) = 0 - 0 C_2 = 0$   $W(L) = 0 = -\frac{1}{25} \left( -\frac{L^4}{6.4} + \frac{L^4}{12} + C_1 L \right) - 0 C_4 = \frac{L^3}{12}$  $W(\frac{L}{2}) = \frac{P}{2I_5E} \left( -\frac{L}{6} - \frac{L^3}{P} + \frac{L^4}{R.16} + \frac{L^4}{2I} + 0 \right) + \frac{P}{2I_5E} \cdot \frac{5L^{3}}{192} = \frac{L^4}{600} \left( \frac{1}{192} \right)$ (\*)/(xx) - 0 b-1L - 3180 = 0.0375

