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regime of Hooke's law. There is no phase of a nonlinear law elasticity and consequently, the relations of elastic loading shown remain valid.

CONCLUSIONS

The graphical method described allows the resolution of problems relative to elastic loading in a more varied manner than that of the calculations. It allows a better examination of the variables that can be worked on to bring back the end of the vector of load on, or at the interior, of the elastic boundary. Furthermore, using the Tresca criterion makes the graphical construction remarkably easy.

APPENDIX. - NOTATION

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The following letter symbols have been adopted for use in this paper:

	Locarde remaind round to
k	= $\frac{\mathbf{r}_{e}}{\mathbf{r}_{i}}$; $(10.900 \text{ m}^{-1} \text{ m}^{-1})$ and begin the strength of the str
L	= longitudinal load;
М	= k ² ;
^p e	= external pressure;
^p h	= hydrostatic pressure;
p _i	= internal pressure;
^p 1	$= - \frac{L}{\left(r_e^2 - r_i^2\right)};$
p', p', p'	= projections of p_i , p_l , p_e onto the plane π ;
$\mathbf{r}, \theta, \mathbf{z}$	= cylindrical coordinates;
re	= external radius;
r _i	= internal radius;
V	= minor axis of the ellipse;
v ₁ , v ₂ , v ₃	= components used to define the angle, ψ ;

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	= major axis of the ellipse; the second state and second states	
w ₁ , w ₂ , w ₃	= components used to define the angle, ψ ;	
Z	= axes pointing in the direction (1, 1, 1);	
Z ₀	$= \frac{1}{\sqrt{3}} (p_{i} + p_{1} + p_{e});$	
σ _c	= elastic limit for pure compression;	
σ _M	= major stress;	
σ _m	= minor stress;	
σ ₀	= elastic limit for pure tension;	
σ _r	= radial stress; TATOM-ORDINATIA	
σz	= longitudinal stress;	
σ_{θ}	= circumferential stress;	
x ₁ , x ₂	= components used to define the angle, ψ ;	
.ψ	= angle V,p'e; and beel intibution of a	
OP	= load vector.	