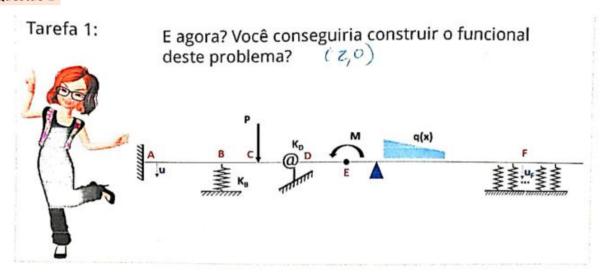
TAREFA 7

Questão 2

u1=	-10000	x^2	20000	X		
u1=	2500	x^4	-10000	x^3	20000	Х
Proposit.1			Proposit. 2			Exata
/lmax=	20000 Nm	า	Mmax=	30000 N	m l	Mmax=
/(x=0)=	0 N		V(x=0)=	60000 N	· ·	V(x=0)=
Delta max:	10000 m		Delta may=	12500 m	۱	Delta max

Questão 1



$$T = \frac{1}{2} \int EI \left(\frac{du}{dx^2} \right)^2 dx + \frac{1}{2} \int K_F u_F^2 dx + \frac{1}{2} K_B \left(\frac{du_B}{dx} \right)^2 + \frac{1}{2} K_B u_B^2 - Pu_c - M \left(\frac{du_E}{dx} \right) - \int q(x) u dx$$