B individual task in 2 calculus:

1. Find y(x) from

g. ky´´ + Ty´ + Ly = Tsin(x).

Solution:

$$y=y\_{h}+\frac{T\left(L-k\right)\sin(\left(x\right)-T^{2}\cos(\left(x\right)))}{T^{2}+\left(L-k\right)^{2}}$$