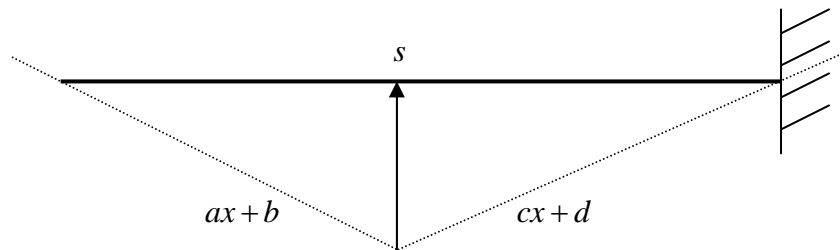


2.



match boundary conditions

$$a=0, \quad cl+d=0$$

Displacement continuity

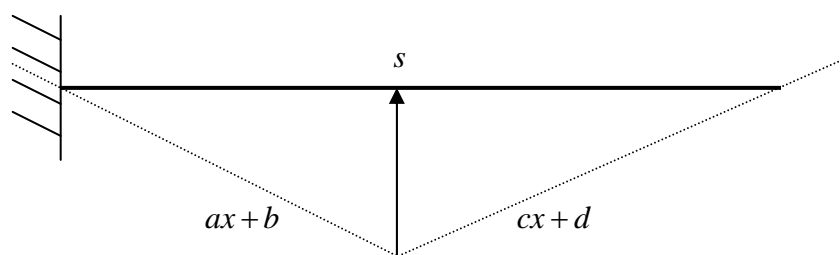
$$b=cs+d$$

The difference in slope

$$c=1$$

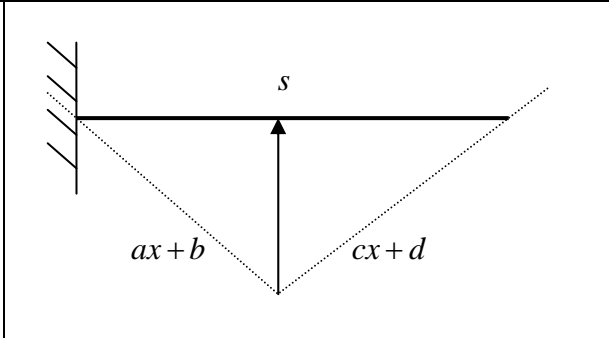
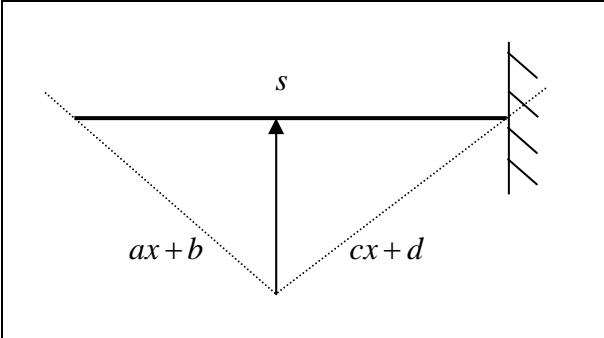
and we can get

$$d=-l, \quad b=s-l, \quad G(x,s)=\begin{cases} s-l, & 0 < x < s \\ x-l, & s < x < l \end{cases}$$

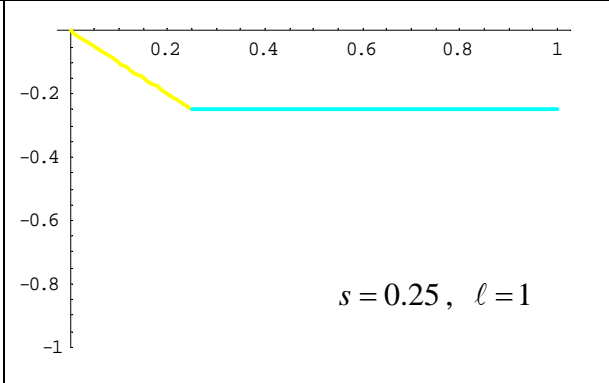
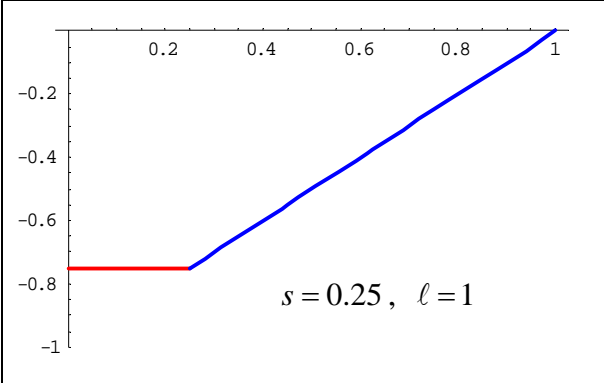


similarly we can get Green function

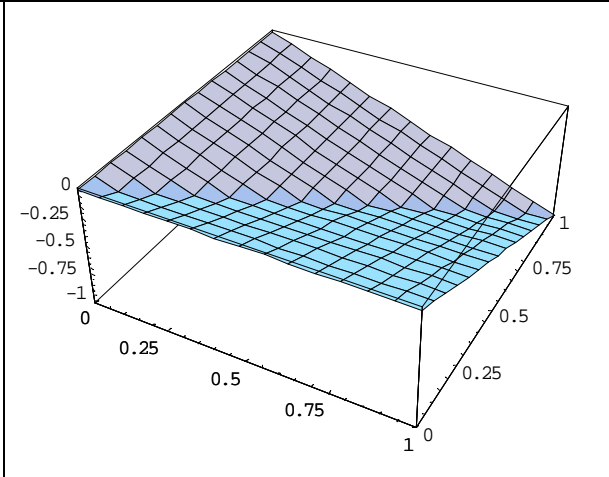
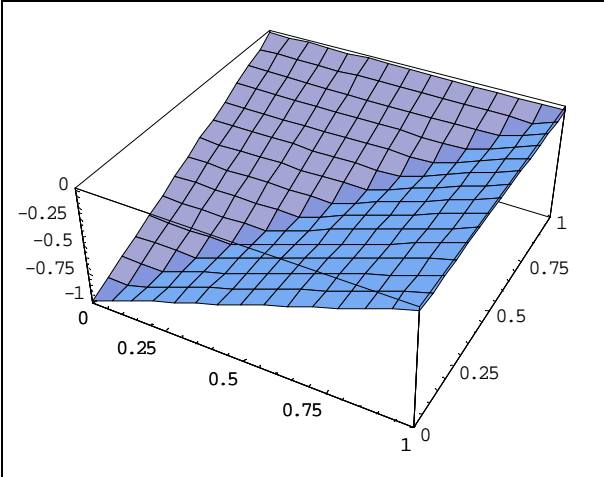
$$G(x,s)=\begin{cases} -x, & 0 < x < s \\ -s, & s < x < l \end{cases}$$



2-D



3-D



Contour

