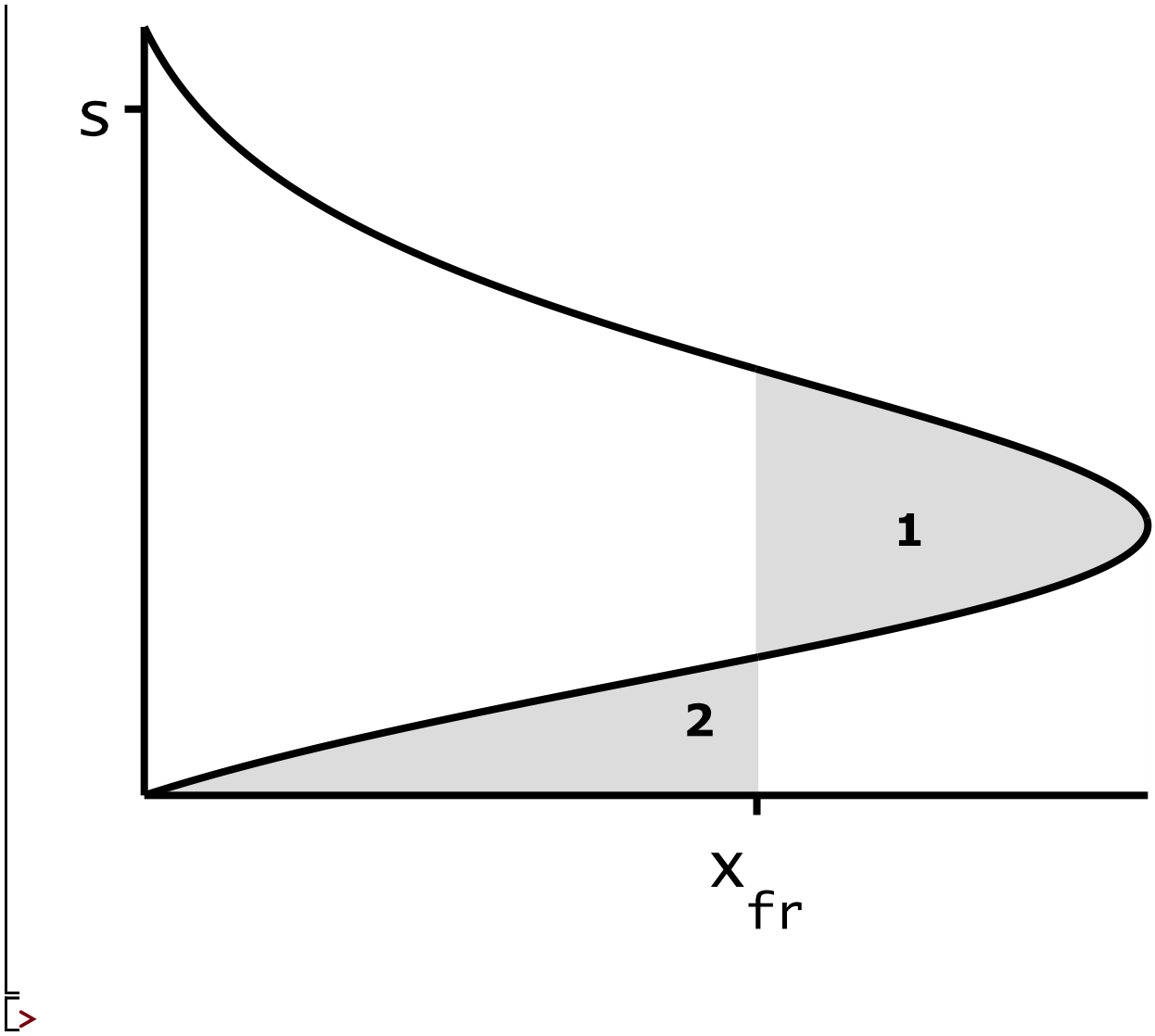
```
> restart:
  with(plots):

  #implicitplot(y=x^2, x = 0 .. 1, y=0..1, color = "NavyBlue",
  thickness = 3, filled = [color = "Blue", transparency = .5]);

  F:= S^2/(S^2+0.395*(1-S)^2):

  Sfr:=0.18:
  Sfr1:=0.36:
  Sfr2:=0.555:

  pl1:=plot([diff(F,S), S, S = Sfr1 .. Sfr2], color = "Black",
  thickness = 3, filled = [color = "Gainsboro", transparency = 0]):
  pl2:=plot([diff(F,S), S, S = Sfr .. Sfr1], color = "Black",
  thickness = 3, filled = [color = "White", transparency = 0]):
  pl3:=plot([diff(F,S), S, S = 0 .. Sfr], color = "Black",
  thickness = 3, filled = [color = "Gainsboro", transparency = 0]):
  pl4:=plot([diff(F,S), S, S = Sfr2 .. 1], color = "Black",
  thickness = 3,tickmarks=[[1.31=typeset(x[fr])], [0.893="s"]],axis
  [1] = [thickness=3],axis[2] = [thickness=3],axesfont=["Courier",
  20,20]):

  Text1:=textplot([1.7, 0.35, ('typeset')(1),'font' = ["Verdana",
  bold, 14]], 'align' = 'left',color=black):
  Text2:=textplot([1.25, 0.1, ('typeset')(2),'font' = ["Verdana",
  bold, 14]], 'align' = 'left',color=black):

  display(pl4,pl3,pl2,pl1,Text1,Text2)
```


S
1
2
x
fr