


```

persp()gridGraphicslwd,lty=info$col.axis,col.lab=info$cex.lab,shade=info[[18]],ltheta=info[[16]],lphi=info
newpage==TRUE)grid.newpage()out
persp=function(plot=NULL,...)dev.set(recordDev())par=currentPar(NULL)dev.set(playDev())
xr;yr=plotzr$lab=plotylab;zlab=plotcol.axis,col.lab=plotcol;cex.lab=plotnTicks;tickType=plotexpand;scale
border[1];if(is.null(plotlwd)if(is.null(plotlty)if(any(!(is.numeric(xr)is.numeric(yr)is.numeric(zr))))stop("invalidlim
z,x=ploty,basicxs=1/xs,ys=1/ys,zs=expand/zs,Lightcol=col,colsltheta=ltheta,lphi=lphi,Shade=shade,
Shade
len(col,length(xCoor))
x)/4pout=list(xyCoor=xyCoor,pMax=pMax,colRep=colRep,polygonOrder=a)pout
xyCoorpMax=poutcolReppolygonOrder=poutx,xyCoorcol
len(col,length(polygons[,1]))[polygonOrder]
border,fill=cols,lty=plotlwd))
frac=0.1*(max-min)nint=nTicks-1
frac||range[2]+frac<max)i<20)nint=i+1ticks=axisTicks(c(min,max),FALSE)range=range(ticks)nint=

```

filled.contour()gridGraphics

$x_1 = \text{ifelse}(\text{cond7}, x_1, \text{ifelse}(\text{cond8}, x_2, x_1 + c * (x_2 - x_1)))$ $x_1 = \text{ifelse}(\text{cond9}, NA, x_1)$

$y_1 = \text{ifelse}(\text{cond7}, y_1, \text{ifelse}(\text{cond8}, y_1, y_1))$ $y_1 = \text{ifelse}(\text{cond9}, NA, y_1)$

$x_2 = \text{ifelse}(\text{cond10}, NA, \text{ifelse}(\text{cond11}, x_1, x_2 - c * (x_2 - x_1)))$ $x_2 = \text{ifelse}(\text{cond12}, NA, x_2)$

$y_2 = \text{ifelse}(\text{cond10}, NA, \text{ifelse}(\text{cond11}, y_1, y_1))$ $y_2 = \text{ifelse}(\text{cond12}, NA, y_2)$

$x_{out.2} = \text{ifelse}(\text{cond14}, x_2, \text{ifelse}(\text{cond15}, x_2, NA))$

$y_{out.2} = \text{ifelse}(\text{cond14}, y_2, \text{ifelse}(\text{cond15}, y_2, NA))$ *outerconditionend*

filledcontour = function(plot)dev.set(recordDev())par = currentPar(NULL)dev.set(playDev())

*len(cols, ns - 1)colrep = rep(cols[1 : (ns - 1)], nx * ny)feedcoloraswellassubseetingasxandyout = FindPolygonVertices*

filledcontourinplot3d.cbutveryslowlFindPolygonVertices = function(low, high, x1, x2, y1, y2, z11, z21, z12, z22, x, y, z,

x; y = out2z; npt = out2

x; y = out3z; npt = out3

x = out1y + out3youty + out2y + out4npt = out4

filledcontour = function(plot)dev.set(recordDev())par = currentPar(NULL)dev.set(playDev())

npt

x[1 : npt], out