



```
> x <- seq(-10, 10, length= 30)
> y <- x
> f <- function(x,y) { r <- sqrt(x^2+y^2); 10 * sin(r)/r }
> z <- outer(x, y, f)
> z[is.na(z)] <- 1
> op <- par(bg = "white")
> persp(x, y, z, theta = 30, phi = 30, expand = 0.5, col = "li$
> persp(x, y, z, theta = 30, phi = 30, expand = 0.5, col = "li$
+   ltheta = 120, shade = 0.75, ticktype = "detailed",
+   xlab = "X", ylab = "Y", zlab = "Sinc( r )"
+ ) -> res
> round(res, 3)
```

	[,1]	[,2]	[,3]	[,4]
[1,]	0.087	-0.025	0.043	-0.043
[2,]	0.050	0.043	-0.075	0.075
[3,]	0.000	0.074	0.042	-0.042
[4,]	0.000	-0.273	-2.890	3.890

R Graphics: Device 2 (ACTIVE)

