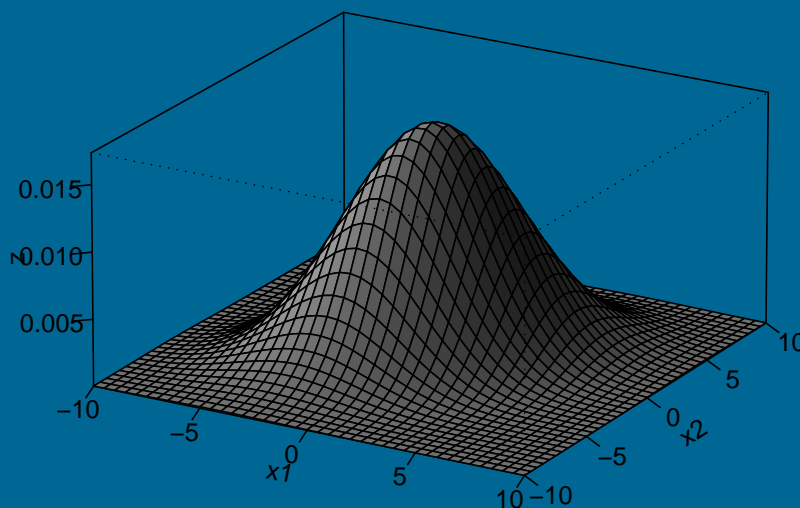# From Algorithms to Z-Scores:

Probabilistic and Statistical Modeling in Computer Science

Norm Matloff

University of California, Davis

$$f_X(t) = ce^{-0.5(t-\mu)'\Sigma^{-1}(t-\mu)}$$

```
library(MASS)
x <- mvrnorm(mu,sgm)
```


http://heather.cs.ucdavis.edu/ matloff/probstatbook.html