

```
theta <- seq(0,1,.01)
```

```
density <- theta^3*(1-theta)^13 + 10*theta^4*(1-theta)^12 + 45*theta^5*(1-theta)^11
```

```
plot(theta,density , ylim=c(0,1.1*max(density)) , type="l" , xlab="theta" , ylab="" , xaxs="i" , yaxs="i" ,  
yaxt="n" , bty="n" , cex=2 , pin=c(1,1))
```

