```r
x <- seq(-10, 10, length.out = 101) y1 <- sigmoid(x) y2 <- sigmoid(x, a =
0.1) y3 <- sigmoid(x, a = 5)
    plot(x, y1, type = "l", col = "darkblue", xlab = "Articulatory parameter",
ylab = Acoustic parameter", main = "Sigmoid Function(s)") lines(x, y2, col =
"darkgreen") lines(x, y3, col = "darkred") grid()
```