



Acceptance · Rejection Method.
Let X and Y be two continuous r.v.s ω / pdf \int_X and \int_Y . Assume that $\int_{Y}(x) \le C$ for all x a constant.
We want to simualate n values, say, x1, x2,, xn of the r.v. X.
We know how to simulate values of Y.
The acceptance rejection method does the following: Set index = 1.
Until index = n:
2. Simulate u from U(Q1) independently from Y. 3. TEST u C·f _Y (y)
Tes No
Zinder=y index=index+1
(4.) Go back to the top.
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ys