



$$F_x(x) = \begin{cases} 0.75x & 0 \leq x \leq 1 \\ 0.75 & 1 \leq x \leq 2 \\ (x+1) \cdot 0.25 & 2 \leq x \leq 3 \end{cases}$$

$$F_x^{-1}(u) = \begin{cases} u/0.75 & 0 \leq u \leq 0.75 \\ u/0.25 - 1 & 0.75 \leq u \leq 1 \end{cases}$$

u	0.241	0.625	0.668	0.766	0.530	0.948
x	0.321	0.833	0.890	2.064	0.707	2.792