IMM - DTU 02405 Probability
2004-11-18
We note that the percentile $U$ of a randqumlyfficosen student is uniformly $(0,1)$ distributed.

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a ranestamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)
$$

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a ranstamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)=1-0.9=0.1
$$

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a rangtamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)=1-0.9=0.1
$$

Question b) The question is Example 3 page 343 the probability of a meeting with different parameters.

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a ranestamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)=1-0.9=0.1
$$

Question b) The question is Example 3 page 343 the probability of a meeting with different parameters. Denoting $U_{1}$ and $U_{2}$ respectively as the rank of the two students

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a ranestamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)=1-0.9=0.1
$$

Question b) The question is Example 3 page 343 the probability of a meeting with different parameters. Denoting $U_{1}$ and $U_{2}$ respectively as the rank of the two students

$$
P\left(\left|U_{1}-U_{2}\right|>0.1\right)
$$

IMM - DTU
02405 Probability
2004-11-18
We note that the percentile $U$ of a ranestamblanchosen student is uniformly $(0,1)$ distributed.
Question a)

$$
P(U>0.9)=1-P(U \leq 0.9)=1-0.9=0.1
$$

Question b) The question is Example 3 page 343 the probability of a meeting with different parameters. Denoting $U_{1}$ and $U_{2}$ respectively as the rank of the two students

$$
P\left(\left|U_{1}-U_{2}\right|>0.1\right)=0.9^{2}=0.81
$$

