

if you laughed at this,
we owe you food.

\hat{Y} Ω \mathcal{L} \mathbb{E}

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On a Cub Scouts of Analysis Campout ...

That One Kid : Are we there yet?

Scout Master : We're about $\epsilon/2$ miles away.

That One Kid : But you said that δ minutes ago!

Scout Master : Why are there flies everywhere in here?!

That One Kid : They're dense in our camp-act site.

Scout Master : Let's just hope we can *open* our tents.

Scout Master : We can't go in the pool today kiddo. It's closed.

That One Kid : I'll just stand right here on the edge.

Lifeguard : Who says the pool's closed? Hop right in!



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2. Explain the joke
3. **Join us!**

topics: analysis, algebra, probability, inference, learning theory, and more.

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On a $(\Omega, \mathcal{F}, \mathbb{P})$ far, far away ...

Random Variable X_1 : How could you cheat on me with X_i ?!

Random Variable Y : It's not cheating --- he's i.i.d.!

Random Variable X_1 : OK, well you haven't convolved with him right?

Random Vector (X_i, Y) : Uh sorry, we're actually kinda a thing now.

Random Variable X_1 : I need some time alone. $\sigma(X_1)$ is my new home.

On a $(\Omega, \mathcal{F}, \mathbb{P})$ far, far away ...

Counselor : Let's go around and share one thing we're dealing with.

Geom(p) : I gamble sometimes and don't know when to stop.

Expo(λ) : Forgetting the past is also a big issue for me.

Pareto($\alpha = 2$) : I try to act normal as much as I can, but eventually my tail shows.

Cauchy(0, 1) : Looks like I'm not the only Lévy who failed Central Limit Therapy.

Counselor : Good job guys. Shall we move onto the processes?

Geom(p) : I'm pretty sure W_t already wandered off his chair ...



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On a $(\Omega, \mathcal{F}, \mathbb{P})$ far, far away ...

Event Space \mathcal{F} : We are here today in the district court of Ω to discuss ω vs---

Outcome ω : I didn't do anything!

Random Variable $\frac{S_n}{n}$: You μ -tated my convergence!

Witness n : I went to my limit to help him, and it still failed.

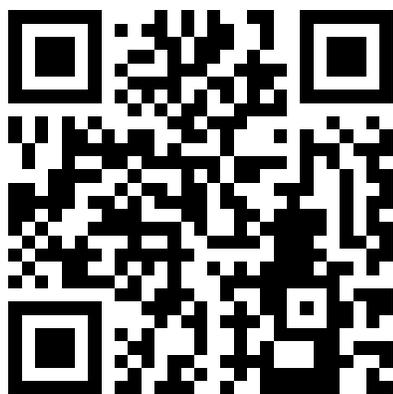
Outcome ω : Some of us are just different.

Event Space \mathcal{F} : ω , you are hereby receiving life-long prison in event A .

Measure-Zero Event A : OMG, I'm no longer \emptyset . Yippee!

Random Variable $\frac{S_n}{n}$: And that's how the SLLN was born.

Event Space \mathcal{F} : For our next case, we have ω vs. Doob's M_n .



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On a group G , far, far away ...

Subgroup P : Why can't I have a sibling?

Group G : Because my number of pregnancies $n_p = 1$.

Subgroup P : That's because you don't move around at all.

$\text{Inn}(G) \ni \varphi_g$: (I tried to help, but he is one stubborn character.)

Subgroup P : Anyone normal would hate being this **** Sylonely.

Group G : Young man, be Pg or I'm gonna quotient you again.

Prof : 1 M&M ..., 2 M&M, ...

TA : Doctor, I thought you were on a diet!

Prof : If I can count the food, it has no measurable calories.

TA : I think your stomach uses counting measure, not Lebesgue ...

Prof : Nonsense! Now bring me my Vitalimin pills.



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