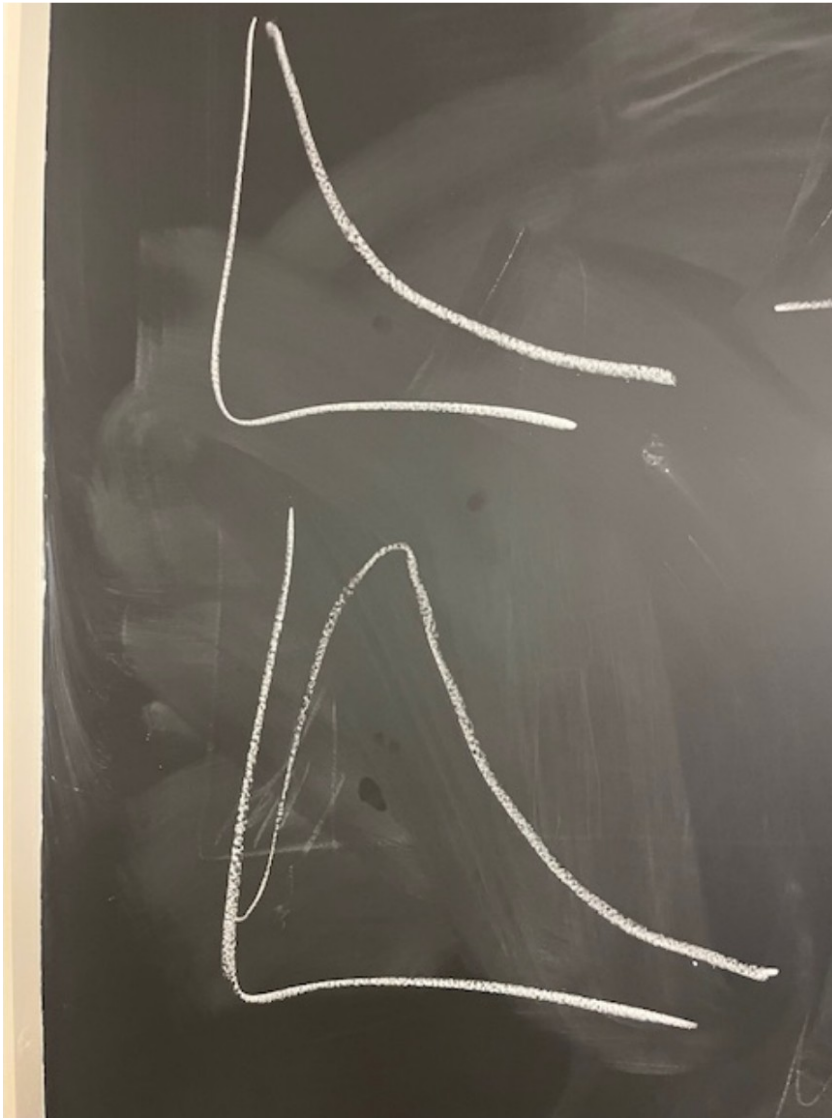


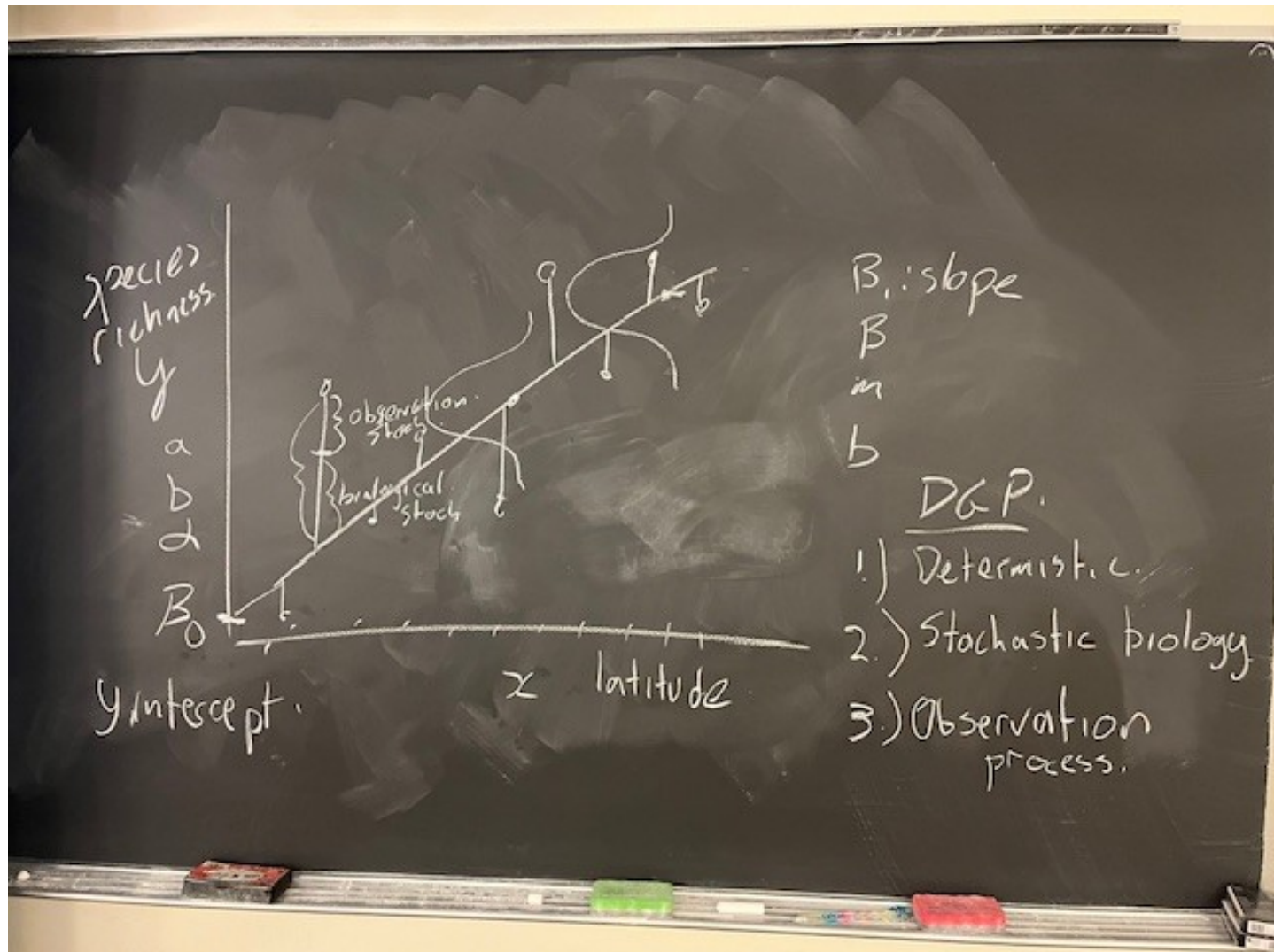
Normal distribution.

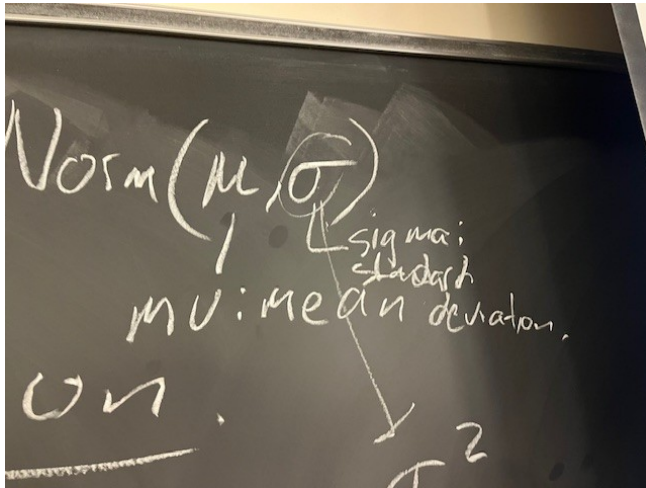
Arises as the sum
of many individual stochastic
events/processes of any
kind. Central Limit
Theorem



Distributions for previous
Movement models

Data generating process, linear normal model





Generate n random numbers with mean μ and standard deviation σ

```
rnorm(n, mean=mu, sd=sigma)
```

If μ is a vector, this is vectorized

Parameters of normal distribution:
 μ and σ