Glossary

1. **s.t.**: Subject to.
2. **w.h.p.**: With high probability.
3. **i.i.d.**: Independent and identically distributed.
4. $\ll 1$: Is extremely small, you can also understand it as $= o(1)$.
5. $\#$: Hash symbol is usually used to represent the number of ..., more formal representation could be $\sum \mathbb{I}\{\text{some event}\}$.