- I may ine you're giving a lecture about a 4th year topic to a fourth year student.
- · 30-50 pgs with little pages @ 12 LaTex Fon6.
- \* At least 5 sources 10 average
- · Sec. 6.1, Thm. (3) (0) can be strengthered to 05 Pij < 1.

Questions:

· Discuss title For dissertation - get something in mind, con

· Searching sources - Don't have to prove nossession of sources.

· How important one examples? - Don't copy oftens'. Important For complicated

olg. 215, about the sentence right above Thm. 7 does this fact not Follow from the def. of a Markov Chein, also? - No.

· Con we not strengthen cor(4)(and b) pg. 221 to en iff ?

· Am I too meticulous? - Yes!

{ P, 122 alove def. 7: Why do we define E(T, (X,=i)=00?

( 11 Last sentance of Sef. 7: How could that be?

Ex. co = 00 box, so possibility of going to inf =) E = co.

- Sources nostly books, Let papers.

Thursday, October 22, 2020 2:16 PM

Poya From humary transvent if summation diverges

Observation:

Orgin Necessarily persistent in I and Z dimensions.

Not in 3 or more!

Related to Harmonic series.

Plant

· Almost surely witipedia paye

- Lobesque measure

Two independent random walks intersecting analogous to one random walk crossing a specific point?

Withing (from Stirzakes book) being contradictory to

intuition.

(Inostions:

Proof of 13.2.1 "f," should be "f;" s typo?

Notes:

Get started on writing out the proof and see what's needed as build up.