

1) James Kearney At New IT. conf.

Better Gok

2) Gabor Belavár.

3) Goal activities ~~are~~ ~~USK~~ reactions to U.S. #

(1-p)ⁿ⁻¹

4) Goal work: Main Interest in A.I.: Application of CBI to ~~hard~~ problems. Forcible!

2) Mark: obtaining order of a linear process.

b) Tug. scaps.

c) Goal: prob. of "best" proby value for given cc: $\frac{P_{n+1}}{P_n}$ or $\frac{P_{n+2}}{P_{n+1}}$

The idea of "volatility" or "amount of internal stability" of P_n or P_{n+1} or P_{n+2} v.s. P_{n-1} , P_{n-2} , P_{n-3} , ...

d) Fossil analysis of Jimin Rabinovich's concept discovery as approx. or systematic soln. to goal problem. Recomb DNA: meaning of prob of 10⁻¹⁰.

e) IPC: Use of computing cost (~ dollars) as proper measure of time to be optimized: Not speed, not \leq many. Extreme waste of computing power in modern machines: $\sim 10^4$ - This amounts to ~ 25 yrs of computer hardware development. X2 in 2 yrs is 1000 in 20 yrs; X 8000 in 2 yrs.

D178 (Pt)

Goal: is a part

so is used in ~~activity~~ activity.

Battin

L. fossils: First origin of life is unlikely in R_1 Universe: "in many universes."

Mite keep readable

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Discuss w. Levin: Labor Believer; János Kanner; Budapest.

Also bring Eng. X'tu of K. Levin - Zvonkin paper. Budapest write to Pater Gak (Göch)

2) Kolmogorov: what is he doing?

3) What has been Levin's reaction to U.S.?

4) What has L. been doing?

5) My own recent work: Give him!

6) Results on P_M a randomness: Give both results; perhaps copy of letter to Schubert.

7) My recent work on applied probability: objection to his idea that P_M does not constitute a "complete" theory of probability, because P_M is computable (use L 's notation for \mathcal{P}). Take for each value of T P_M is a consistent theory of probability, more generally P_M or P_M^x (copy of any (instead of unit) machine).

The idea of "volatility" is the opposite of "stability" in a probability estimate. Say $P_M^{100}(X(n))$ was .001 and $P_M^{1000}(X(n))$ was .001. This is a guess P_M will not change much in k next with $\Delta T = 10^k$. Then I feel that was P_M^{1000} .001 F. ~~1001 F~~ .0001. Perhaps bring outline of proposal.

8) Other view of P_M - ad-hocness. Work on Levin: A Bayesian approach to determining the order of

9) Nuclear Safety: Kacoma DNA safety

- a) Old E.C.
 - b) Tug. Saqus.
 - c) IRE Review.
 - d) Tbilisi. (I never got there, hvr.)
 - e) C.B.T.S. explain about program 2
 - f) U.P.M. (with explain. of G.P.P.)
- Now most of first firm can be derived from Willis. proved much more briefly.
- But in town proof was derived from Willis.
- soln. of problem