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**From:** jeffrey E. <jeevacation@gmail.com>  
**Sent:** Saturday, September 5, 2015 3:01 PM  
**To:** Bob Berwick  
**Subject:** Re:

i will spend all the time you like teaching you about investing and the markets. simpler than it appears.. =A0 I would like chomsky to follow in the footsteps =C2 of hibert, turing , and encourage work in their fields by presenting goals to the disciples.

On Sat, Sep 5, 2015 at 10:03 AM, Bob Berwick <[REDACTED]> wrote:

Hi Jeffrey,

Ah very=cool.

So let me try a few out.

I guess it partly (! of course!) depends on how much we get to stick=into the box. I'm fine with prize money, mostly because =s you know from Marvin, there's no way to get funding fo= "real" problems like these or those that Marvin studies,<=div> nsf & darpa and toyota (as you just saw) only care about self=driving cars. So I'd be overjoyed to get some way to fun= new students....

Challenge 1. =Discriminating language from noise.

This is doable. Partha=Niyogi nearly did it. A six-month effort.

=div>Challenge 2. Ah, depends on the sentences and what 'cohe=ent' means.

Does Noam mean 'screwed up in some w=y'? We're not so far from that.

Further th=n 1. That system I showed you that can isolate diff factors in \*syn=ax\* as a small set of constraints can do some of that. in the visual field - same co=erence idea.

Challenges 3 and 4 are much harder, =e'd have to know more about 'meaning' and =98inference'. I wouldn't be happy with statistic=l curve fitting here.

Finally - though I will dro= this, because your time is too valuable and the problems you and Noam pose are the important ones, to me — what was your estimate =f how much that twitter-in-love entrepreneur would have lost if h= did honestly follow his twitter-predictor during the first week=of this month? I guess I am still baffled about the "market=E2 for their product unless it's as you say, the m=rket for the new, shiny toys - which is just about salesmanship, not =div>science. Anyway, I'll drop it - I was just curious as wh=/how \*any\* of that social media stuff would work. I suppos= they will say that they have 300 M users, not \*all\* of them will be lying=E2 and one can sort the liars from the non-liars....=ut so what?

best wishes bob

On Sep 5, 2015, at 8:20 AM, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com>> wrote:

noam, as always , spending time . was =reat/ first draft. of the Chomsky Challenge.=C2 . Produce a non- living system that can be p=t into an environment for a while and --- =A0 1 . be able to discriminate language from noise.. =A0 prize . a 1 dollar bill signed by Noam and 100k= . 2. be able to discriminate coherent sente=ces from non ( we provide 10 test sentences ).=A0 prize a 10 dollar signed Chomsky bill , and 500k. =A0 3. a language learning module. 20 dollar bill signed and 1 =illion, 4. a sense making module that can understand meaning inferen=e. . etc. the non recommendation recommendation.=C2 . ie the stude=t has a nice family. etc. a 100 dollar signed bill and 10 mill=on dollars. ? --- If your left leaning , is in conflict with a=money prize , we could substitute<=pan>

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=C2 please note

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