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**From:** Vincenzo Iozzo <[REDACTED]>  
**Sent:** Monday, June 27, 2016 7:28 AM  
**To:** Joi Ito  
**Cc:** jeffrey E.  
**Subject:** Human in the loop/unthinkable thoughts

Today I was reading this: <https://www.dartmouth.edu/~matc/MathDrama/reading/Hamming.html>

(The unreasonable effectiveness of mathematics) Which is worth reading, but regardless this made me think about the following: we are looking at AI as a way to do "better" what we know how to do.

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But Hamming says something interesting in the essay, which is:  
"Just as there are odors that dogs can smell and we cannot, as well as sounds that dogs can hear and we cannot [...]. Why then, given our brains wired the way they are, does the remark "Perhaps there are thoughts we cannot think", surprise you?"

So one way of potentially thinking about AI is to add humans in thinking unthinkable thoughts. This sounds a lot less scary than "AI will replace humans" and it is consistent both with Joi's human in the loop and with what Jeffrey was saying last time I saw him "I don't want AI to give me the answers, I want AI to give me the questions"

<div id="AppleMailSignature">Anyway, just a thought :)

Sent from my iPhone

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