

MINI-COURSE “COLLECTIVE INTELLIGENCE THEORY WITH APPLICATIONS IN MEDICINE”

LECTURE 2

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We finish to prove a proposition that our mechanism for obtaining a probability from knowledge can always be embedded into a probability space (an information structure) and be described via conditional probabilities. The proof of this fact is simple, but is *not* so trivial as it seemed to the audience at the end of the previous lecture. We also formulate the problem of the description of all such embeddings. Then we give an illustrative example of such a mechanism and of the corresponding information structure.

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