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the sparseness of matter in interstellar and intergalactic space had a direct impact on the way the Boltzmann fabric of "now" curved?

E.g., the Boltzmann fabric should grow thicker in spatial-time when less information is present, and thinner when very dense information is present (e.g., the skin of a very small black hole giving off ~~off~~<sup>off</sup> Hawking's radiation).

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