

randomized white noise = white noise?

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If I take a 1 second long digital sample of white noise, and play back the bytes in random order, do I still get white noise? Since the bytes are random to begin with, it shouldn't matter what order I play them right?

What if it's pink noise?

And what if it's white noise but filtered in an unusual way so that there are arbitrary peaks and valleys?

markp suggested this

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