Subdiagonal and Almost Uniform Distributions

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Abstract
A distribution (function) F on [0,1] with F(t) less or equal t for all t is called *subdiagonal.* The extreme subdiagonal distributions are identified as those whose distribution functions are almost surely the identity, or equivalently for which F o F = F. There exists a close connection to exchangeable random orders on {1,2,3,…}.

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Bibliography

1. Hirth, U. and Ressel, P. (2000), *Exchangeable Random Orders and Almost Uniform Distributions*, J. Theoretical Probability 13, 609-634. MR 2002a:60058