

**MR2335182 (2008g:60019)** 60C05 (11K65)

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**Probabilistic number theory and random permutations: functional limit theory. (English summary)**

*The Riemann zeta function and related themes: papers in honour of Professor K. Ramachandra, 19–27, Ramanujan Math. Soc. Lect. Notes Ser., 2, Ramanujan Math. Soc., Mysore, 2006.*

Summary: “Ideas from probabilistic number theory are useful in the study of measures on partitions of integers. Connections between the Ewens sampling formula in population genetics and the partitions of an integer generated by random permutations are discussed. Functional limit theory for partial sum processes induced by the Ewens sampling process is reviewed. The results on limit processes with independent increments are illustrated.”

{For the entire collection see [MR2335217 \(2008b:11005\)](#)}

Reviewed by *Radhakrishnan Nair*

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