Abstract

This bibliography records publications of George Marsaglia.

Title word cross-reference


rank(A + B) = rank(A) + rank(B) [77]. t [91]. Tan^{-1}(\lambda) [11]. X + Y, X/Y [103].

*good* [138].

-bit [172]. -distribution [91].


2011 [203]. 20th [196, 197].
42 [79, 80].

64-bit [138, 146].

= [191].


Blood [58, 42, 52, 50]. Bounds [35, 59].


Distributions [17, 20, 162]. Diverted [42]. Dose [42, 52, 50]. DUPER [78]. during [50, 52].
Evaluating [140, 147, 148]. evaluation [121]. exact [94].
exact-approximation [94]. exceeding [155]. Exchange [73, 68, 18, 61].
flights [16]. Florida [136]. forms [6, 10]. Fourier [158].
fourth [189]. fractional [125]. Function [60, 15, 100, 121]. Functions [3, 60, 66, 188, 189, 70, 95].
Gamma [128, 84, 88, 103, 134]. Gaussian [112]. General [7, 6, 57].

hyperspheres [181]. Hypotheses [157]. Hypothesis [7, 6].
Improving [22]. including [124]. incomplete [100]. Independence [157].
Iron [83, 68, 18, 61, 89]. Irradiation [52, 56, 50]. Iterated [4, 5].
July [190]. June [188]. Jury [137].


quadratic [6, 10]. Query [64].


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Variable [39, 12, 15]. Variables [25, 2, 14, 21, 22, 23, 27, 36, 37, 41, 54, 72, 105, 112, 128, 149, 153, 34, 4, 5, 9, 12, 13, 24, 30, 31, 38, 43, 44, 53, 57, 74, 79, 80, 86, 91, 93, 94, 125, 129, 134, 135].


WA [203].

Xorshift [145, 144, 179, 187].

Zaman [173]. Ziggurat [178, 135, 176].

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[11] George Marsaglia. Tables of $1/2\pi\tan^{-1}(\lambda)$ and $\tan^{-1}(\lambda)$ for $\lambda = .0001,.0002,\ldots,9999$, with some remarks on their use in finding the normal probability measure of polygonal regions. Report D1-82-0078, Boeing Scientific Research Laboratories, Seattle, WA, USA, ???? 1960. ?? pp.
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[54] George Marsaglia. Still another method for producing normal variables in a computer. Mathematical note ??, Boeing Scientific Research Labora-
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Marsaglia:1965:SPI


Thomas:1965:TLE


Marsaglia:1966:GMP


Hosain:1967:BFN


Marsaglia:1967:BRS


Marsaglia:1967:ORF


Morgan:1967:MII

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[82] George Marsaglia and George P. H. Styan. Rank conditions for generalized inverses of partitioned matrices. Sankhyā (Indian Journal of Statist-


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yet to be implemented. From the posting: “Keep the following six lines of code somewhere in your
files. 
#define znew ((z=36969*(z&65535)+(z>>16))((z&65535)+(w&65535))&65535) 
#define UNI (znew+wnew) 
#define IUNI (znew+wnew)*4.656613e-10 static unsigned long 
z=362436069, 
w=521288629; void setseed(unsigned long i1,unsigned long i2)z=i1; w=i2; 
Whenever you need random integers or random reals in your C program, 
just insert those six lines at (near?) the beginning of the program. In 
every expression where you want a random real in [0,1) use UNI, or use IUNI 
for a random 32-bit integer. No need to mess with ranf() or ranf(lastI), 
etc, with their requisite overheads. Choices for replacing the two multipli-
ers 36969 and 18000 are given below. Thus you can tailor your own in-line 
multiply-with-carry random number generator.”.

[128] George Marsaglia and Wai Wan Tsang. The Monty Python method 
for generating gamma variables. Journal of Statistical Software, 3 
(3):1–8, 1998. CODEN JSSOBK. ISSN 1548-7660. URL http://www.jstatsoft.org/v03/i03; 
http://www.jstatsoft.org/v03/ 
i03/GERMGAM.PDF; http://www.jstatsoft.org/v03/i03/GERGMAG. 
PS; http://www.jstatsoft.org/v03/i03/updates.

[129] George Marsaglia and Wai Wan Tsang. The Monty Python method 
for generating random variables. ACM Transactions on Mathematical 
0098-3500 (print), 1557-7295 (electronic). URL http://www.acm.org: 

36A5FC62.17C9CC33@stat.fsu.edu. Posting to the sci.crypt.random-numbers,

[131] George Marsaglia. Tables of the normal probability measure of an offset 
circle. Report ??, Boeing Scientific Research Laboratories, Seattle, WA, 
USA, ???? 19xx.

[133] George Marsaglia. The monster, A random number generator with period over $10^{2857}$ times as long as the previously touted longest-period one. Technical report ??, Florida State University, Tallahassee, FL, USA, ????. 2000.


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generators. See also [184, 185, 186] for the failure of Marsaglia’s xorwow() generator from this paper. See [179, 187] for detailed analysis.

[Brent:2004:NMX]


[Marsaglia:2004:BURa]


[Marsaglia:2004:EAD]


[Marsaglia:2004:END]


[Marsaglia:2004:FGD]


[Marsaglia:2005:MGF]

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Salmon:2011:PRN


Saito:2012:DCS


Steele:2014:FSP


Vigna:2016:EEM


Kožesník:1964:TTP


Kožesník:1967:TFP


Talbot:1969:AATP


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