

D.Knuth "The moral to this story is that random numbers should *not* be generated with a method chosen at random. Some theory should be used." SEC 3.1, V2, The Art of Computer Programming

- Physicists work with dispersion concepts as almost a second nature.
- The majority of Random Gens to-date were developed within the confines of modulus and/or bit shifting.
- Adding a simple roulette function, `rdisp()`, creates a more random field, but with some cost.

```
rdisp(){if(next%d == 1) return(.99); return(1.0);}
```

