

```
protected int next(int bits) {  
    long oldseed, nextseed;  
    AtomicLong seed = this.seed;  
    do {  
        oldseed = seed.get();  
        nextseed = (oldseed * multiplier + addend) & mask; (fórmula do gerador congruencial)  
    } while (!seed.compareAndSet(oldseed, nextseed));  
    return (int)(nextseed >>> (48 - bits)); (operação de shift)  
}
```