Isnael Perez Problem & Midform Groven a brased com analogy, if a bit vector is 40% full, what are the odds that 5 bits randomly chosen all fall within the Rilliew Scotion. Simulate the results and compare to concentrations. Prob of picky 1 = 40% or 0.40 Prob of picky 7 = 0.40 x 0.40 So the Bob of picky 5 = 0.40⁵ 0.405 = 0,01024 or 1.024% Comporing to computer simulations: Conputer probability uss: 10453% Math montal probability was; 1.02490 Pretty close to the somulation.

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