CSC 2259 2/20120 VEtu. H=W folge in iterations fer (int iso; izn; it+) IEWEN l if -: - - return (false); vetarn (true); > H[i]: W[i] nitroctions true HT:3=1000 # ((H,W)-poirs)=2" spiel about # (ceses) geometric series spiel about average $| \{ x + x^{2} + \dots + x^{n} \} | = | \frac{1 - x^{n+1}}{1 - x^{n}} | = | \frac{1 - x^{n+1}}{1 - x^{n}} | = | \frac{1 - x^{n+1}}{1 - x^{n+1}} | = | \frac{1 - x^$ 5-x5= 11x+x2+ ... + x"-nx" 1.2.4"-", 722 y"-2+ ...+n2"+n2" (1-x)2 7.4"-"[1+2.2+3.20+..., n.2",]=2.4"-" 2.4" (4(1-(2)))-11(2)"] 2(+(2)")

$$\frac{2^{n}}{\sqrt{n}} = 2 \cdot \left(\frac{1}{2}\right)^{n-1}$$

$$\frac{2^{n}}{\sqrt{n}} = 2 \cdot \left(\frac{1}{2}\right)^{n-1} = \left(\frac{1}{2}\right)^{n-2} = \left(\frac{1}{2}\right)^{n-2}$$

$$\frac{2^{n}}{\sqrt{2n-2}}$$

$$\frac{2^{n}}{\sqrt{2n-2}} = \left(\frac{1}{2}\right)^{n} \cdot 2^{-2}$$

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