
LABORATORIO
DI
FISICA COMPUTAZIONALE

GRAFICI E DATI SIGNIFICATIVI GENERATI DAI CODICI SCRITTO DA:

NICOLA PAGANO

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1 Random Walk 1D

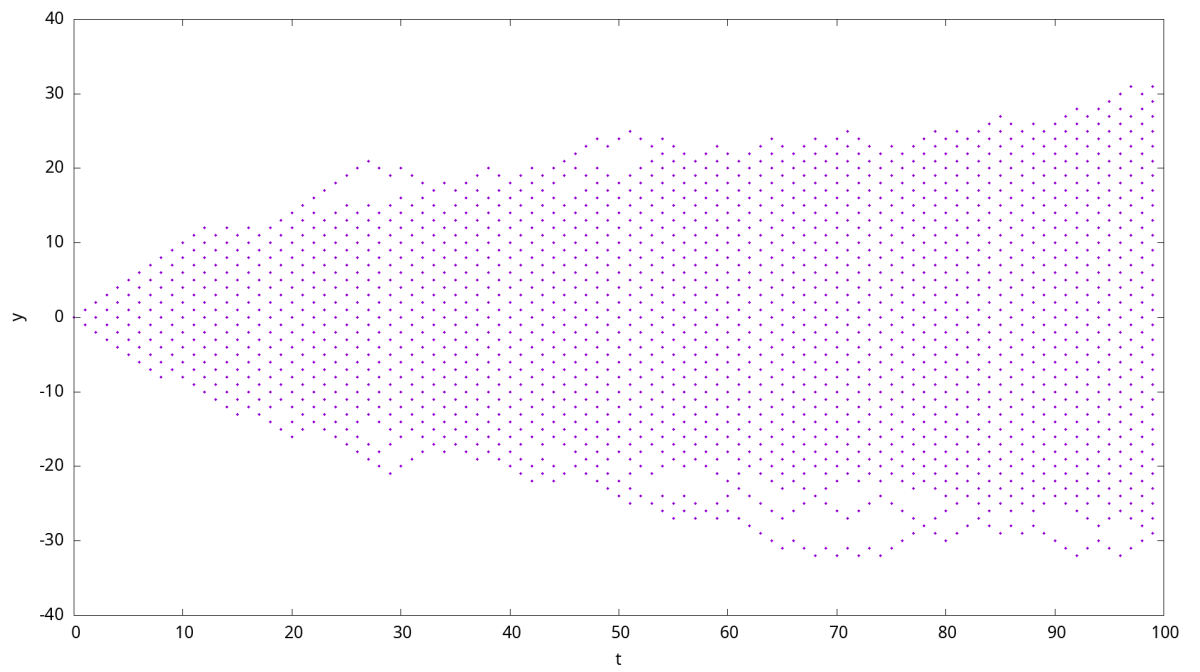


Figura 1: Traiettorie Random walk

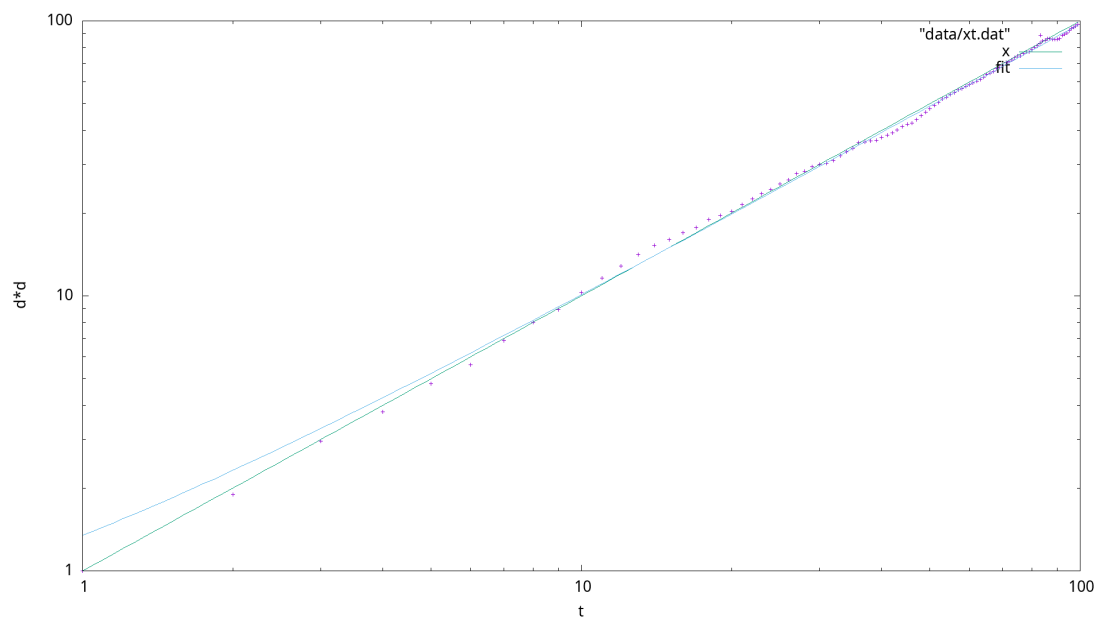


Figura 2: Fit $x^2(t) t$ risultato: $y = 1.0003x$

2 Random Walk 2D

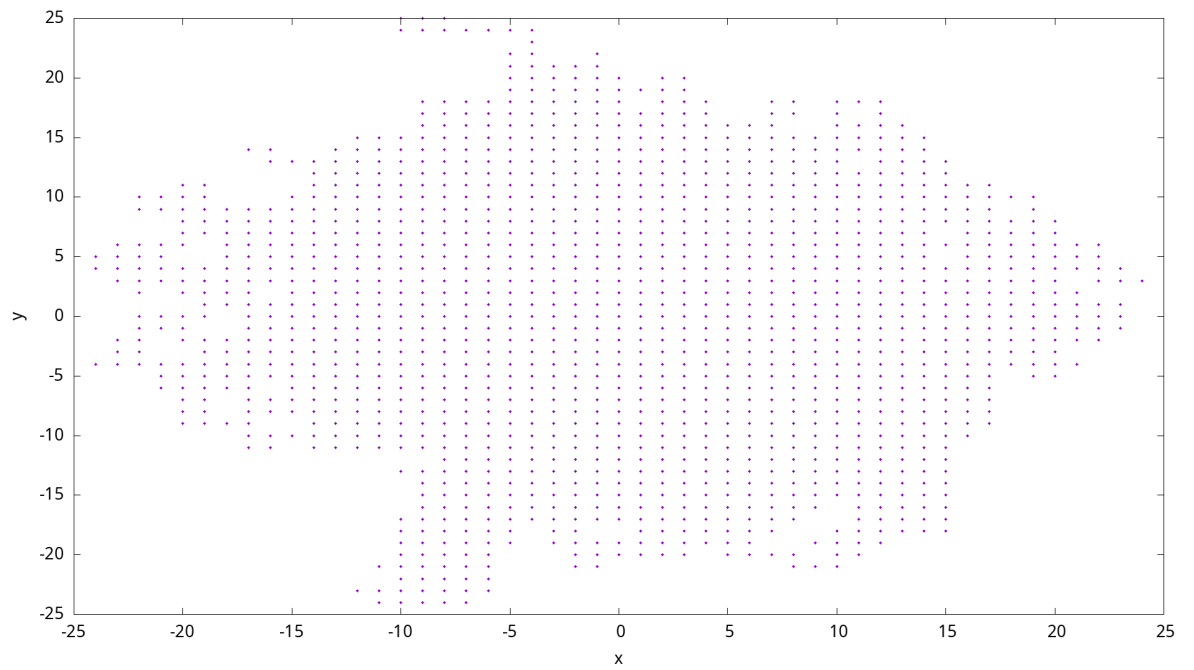


Figura 3: Traiettorie Random Walk nelle due dimensioni

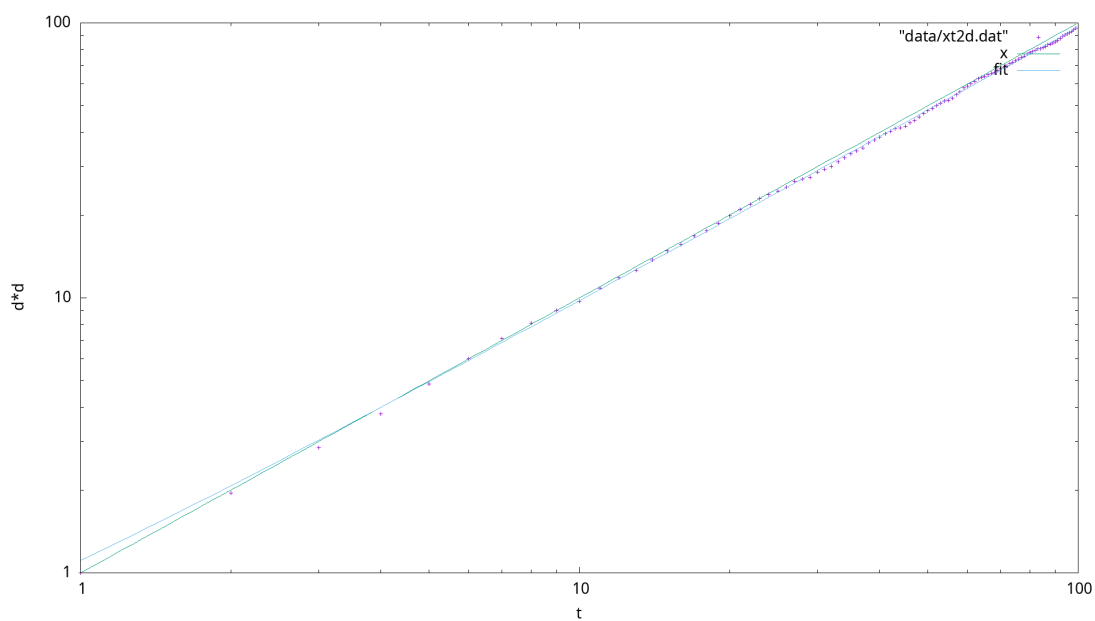


Figura 4: Fit $x^2(t)$ t risultato $y = 1.0x$.

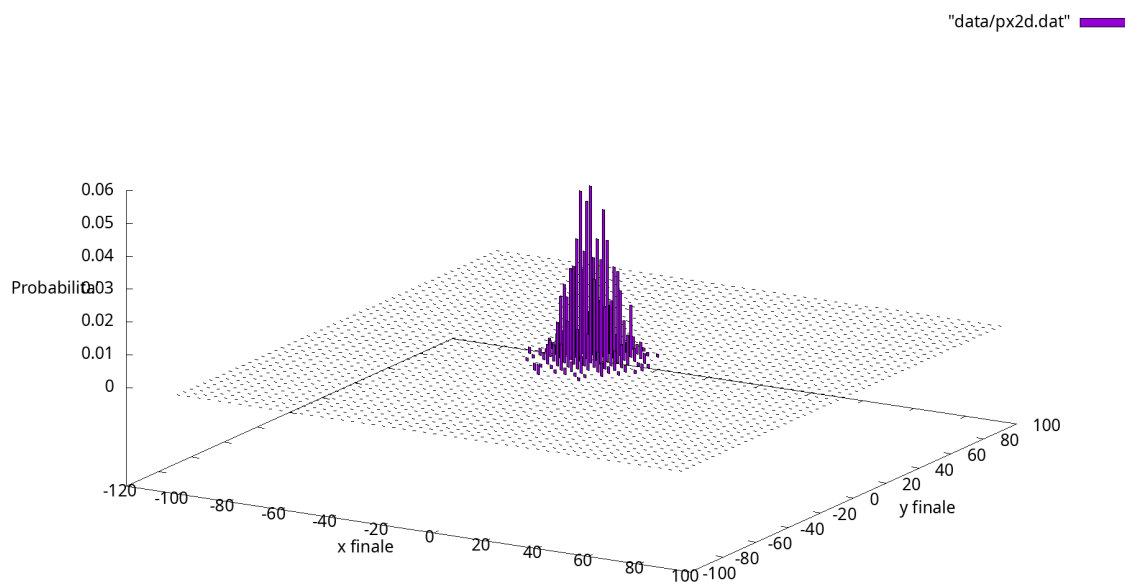


Figura 5: Distribuzione di probabilità delle posizioni finali per il random walk 2D