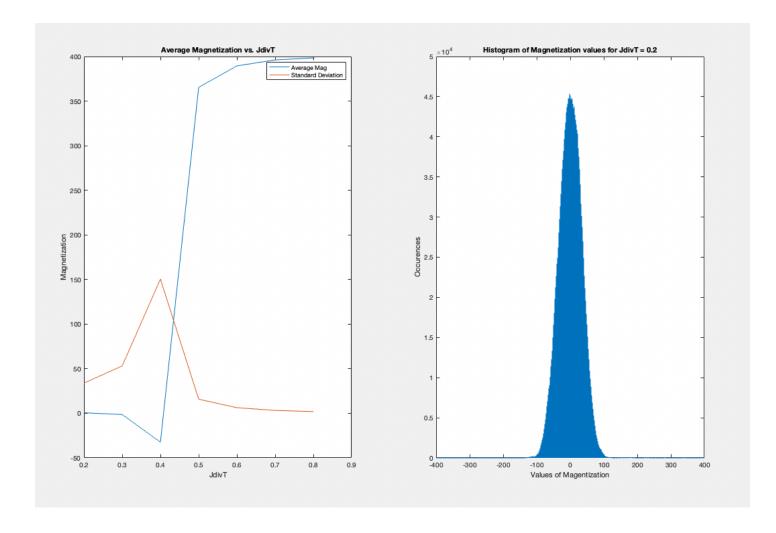
Source Code:



Let T. be a set of N states (T., T2). The Probability of being in
the mth state is pm.
Now we define the metropolis transition matrix to be IT with elements Timm, which
applies to transitions from state in to
The $\int_{-\infty}^{\infty} \int_{-\infty}^{\infty} dx = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} dx = \int_{-\infty}^{\infty} \int_{-\infty}$
(Pm/Pa) om Pm = Pn (man)
L-ZTmin if m=n
First, we assume for > Pn
Now, according to our predefied rules:
TImm Pn = orm Pn (m to n, greedy)
If we were to calculate the reverse transition instead:
Tran Pm = Oran Pm Pm
Mm Checause & is symmetric)
- om h
Clearly, their flux is the same i.e. in astrady starte.
If Thom In = Thungh, then we can say that TI p = p. This is because
the flux from state m >n and state n >m cancel out, and of remains the
same.