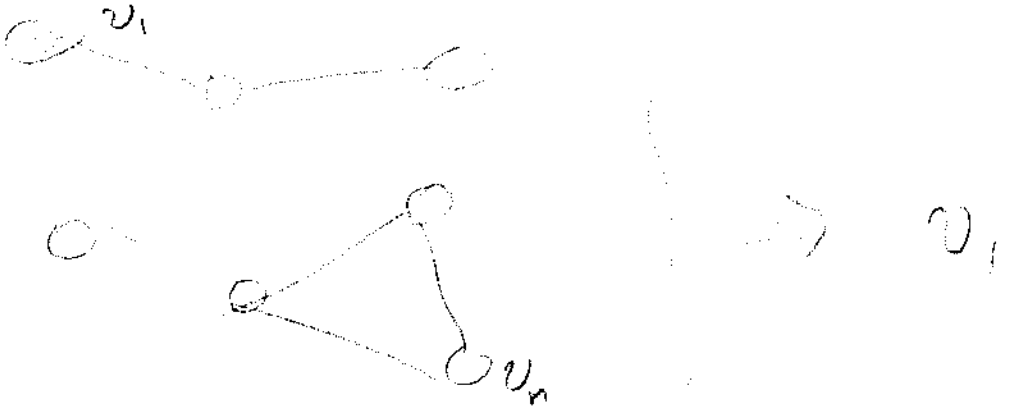
$P_{ij} = V_{ij}$

$P_{ij} = f(V_{ij}, d_{ij}, \ldots)$

$\Rightarrow$ 1) lean from neighbors

2) 

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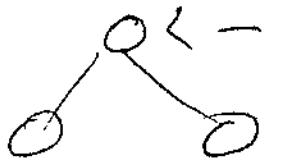
1) $\alpha = 1 \Rightarrow v_i^{\infty} = v_{max}^{\infty} \quad \forall i$

$N = \langle 1101 \rangle \Rightarrow v_N > v_S$ ✓ $C_x = 1 \Rightarrow$ { aggregate score ; individual bit access }

$S = \langle 0111 \rangle$

$\langle 1101 \rangle$ | Randomness $\rightarrow$



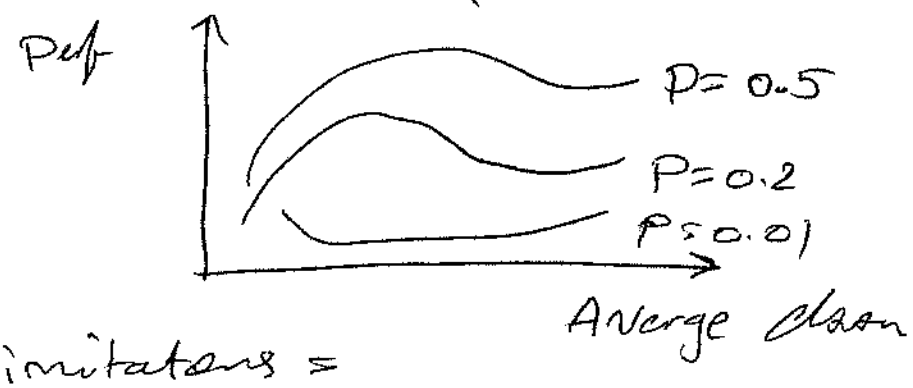
Clustering Coff.

1) X axis:
- Clustering coeff
- Average distance
- density
- modularity

2) Generate networks with varying level of (1) parameters

3) learning

3a) $i \bullet\!\!-\!\!\!-\!\!\bullet\, j \Rightarrow P_{ij} =$ fixed given prob [sweep 0.2 ... 0.8] 0.05



3b) imitators = $\Rightarrow P = 0.7$

stubborns $\Rightarrow P = 0.1$

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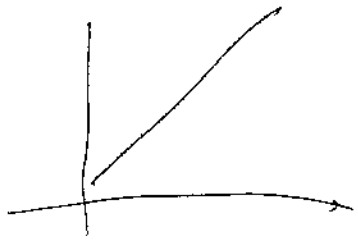
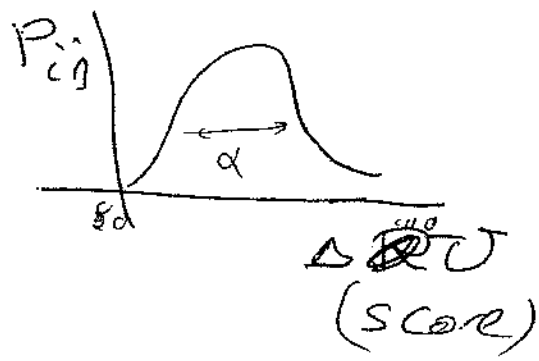
i) Ratio of stubborns: sweep $\left(\frac{\#\text{ stubborn}}{\text{total}}\right)$

ii) distribution of $\leftrightarrow$

3C) $P_{ij} \propto$ score distance





Bayes net: CPT: Cond. Prob. tables

$P(X \mid A_1 \cdots A_n)$ $\boxed{2^n}$ binary

$P(x_1 \cdots x_n) =$

$P(x_1)\, P(x_2 \mid x_1)\, P(x_3 \mid x_1, x_2)$

$P(x_4 \mid x \quad)$

$P(x_1)\ P(x_2 \mid$

$P(x_i \mid \text{Parents}(x_i))$