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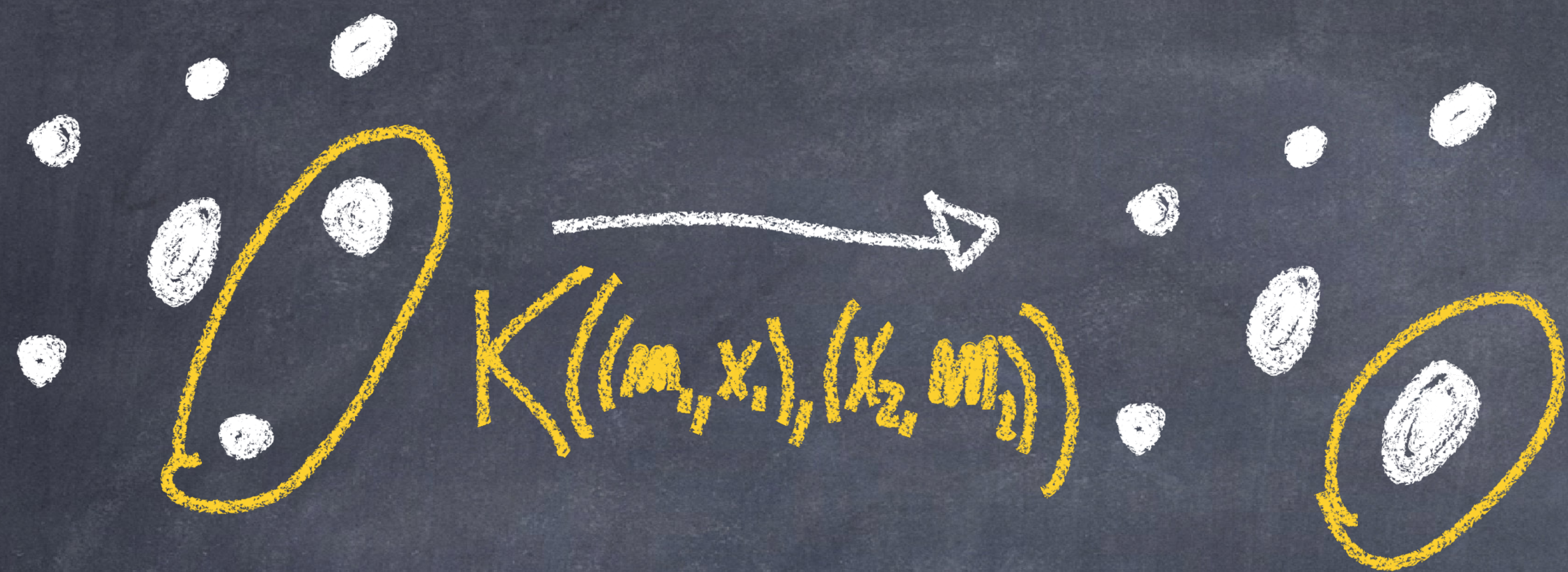
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RESEARCH INTERESTS:

- * INTERACTING PARTICLE SYSTEMS
DYNAMICS AND PHASE TRANSITIONS
- * COAGULATION PROCESSES
- * (SPARSE) RANDOM GRAPHS
- * REINFORCED PROCESSES

COAGULATION PROCESSES



RANDOM GRAPHS
for specise K

$$K(m_1, m_2) = m_1 \cdot m_2$$

ERDŐS-RENYI

REINFORCED PROCESSES



STRONG
REINFORCEMENT

$$f(x) \approx x^p$$

$p > 1$



RUBIN'S EMBEDDING

SUM OF EXPONENTIALS
↓
SCHUR POLYNOMIALS