Active audionalistical desiration of the control of

DIFFUSION PROCESSES

MODELS:

THRESHOLD – passive adoption based on the percentage of adopted neighbours **PROFILE** – active adoption based on own preferences, and a chance for getting immunized

PROFILE-THRESHOLD – mixed behaviour of Threshold and Profile
PROFILE-THRESHOLD-CURE – additionally, a node can become spontaneously uninfected (cured)

PARAMETERS:

T - threshold

P - profile

I – immunization probability

S – spontaneous adoption probability

C - cure probability

GRAPHS:

Barabasi-Albert with n=63392, m=13 Erdos-Renyi with n=63392, p=0.0004 Watts-Strogatz with n=63392, k=13, p=0.01

ADDITIONAL INFLUENCE:

Spontaneous adoption - adoption with a fixed probability

BARABASI-ALBERT









