

# Structure and dynamics of online romance

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## about pussokram.com:

- ~ 25 000 users
- ~ 70% female
- average age 21 years
- Four ways to contact: p2p email, guestbook writing, "buddy list" query and acceptance

The screenshot shows the Pussokram.com website interface. At the top, it says "Hey you Friday, July 5, 2002 | Newest user: User B P16". The main header includes the site logo "pussokram.com digitala relationer" and a navigation bar with "» Community / user A F20".

The user profile for "User A F20" is displayed, including a "No picture uploaded" message. The profile details are as follows:

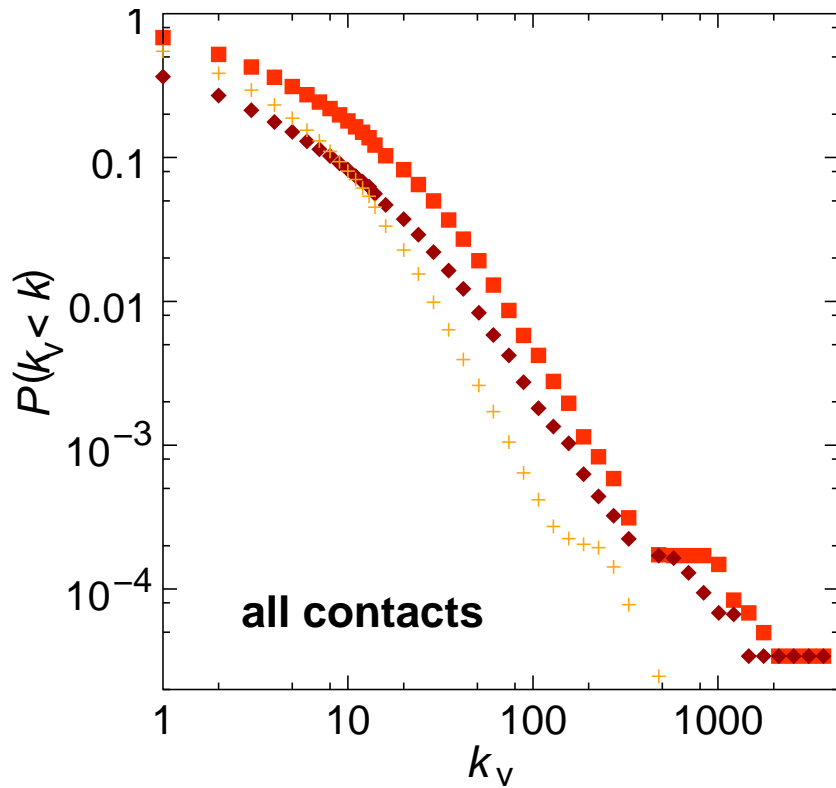
- Personal information:** E-mail: [someone@somewhere.se](mailto:someone@somewhere.se), ICQ: ...
- Most recent visitors:** User D P23, User E P33, User F P19, User G F12, User H P30
- Fast facts:**

Residence:	Apartment	Civil status:	Single
Economy:	Rich	Favourite color:	Red
Movie taste:	Horror	Likes:	The World
Hair color:	Dyed	Hobbies:	Watch TV
Sense of humour:	Normal	Style of clothes:	Streetwise
Length:	Taller than most	Favourite food:	Various
Music taste:	Everything	Eye color:	Blue
Personality:	Serious	Occupation:	Working
- Member since:** April 16, 2000
- Last time online:** 13:02, June 20

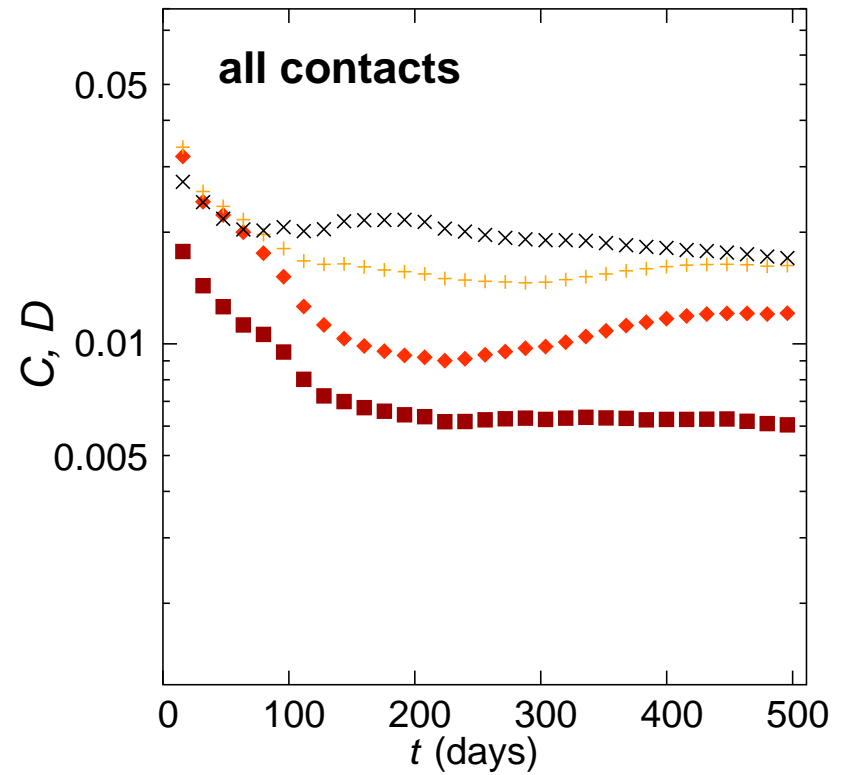
On the left side, there is a navigation menu with links like "Message box", "Secret corner", "Community", "Your homepage", "Your questbook", "Your diary", "Write in your diary", "Your friends", "Search member", "Forum", "Member of the week", "Ask Dr. Love", "Cell phone", "Competitions", "Your settings", "About pussokram", and "Log out".

At the bottom, there is a footer with copyright information: "© 1999-2002 Manickel AB | Information about pussokram.com | Press releases | Contact us | Disclaimer | Abuse".

# DEGREE DISTRIBUTION & CLUSTERING

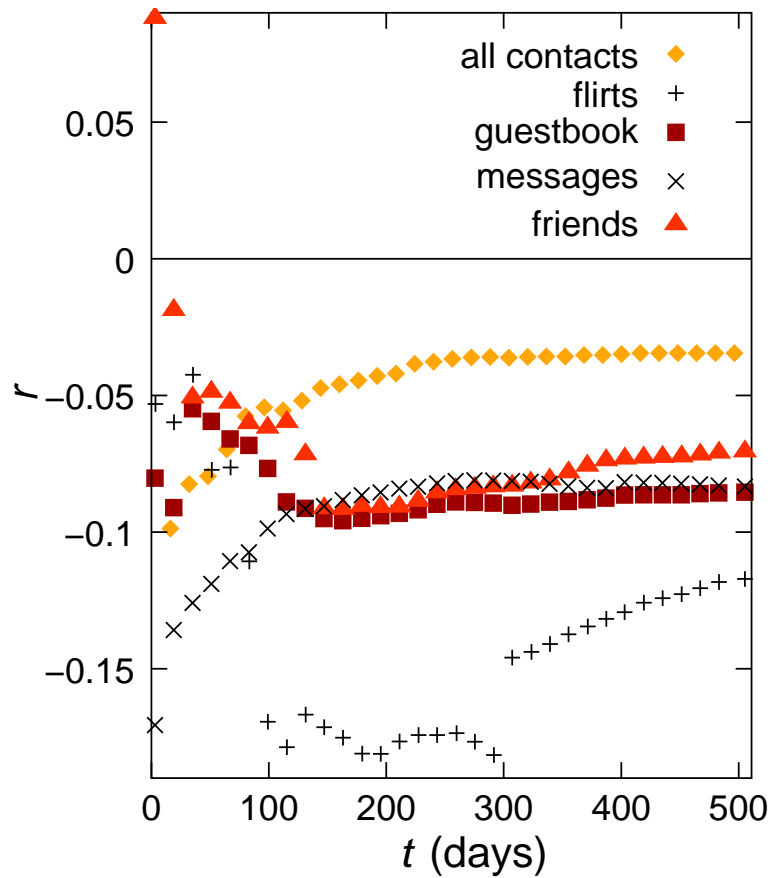


**degree distribution**

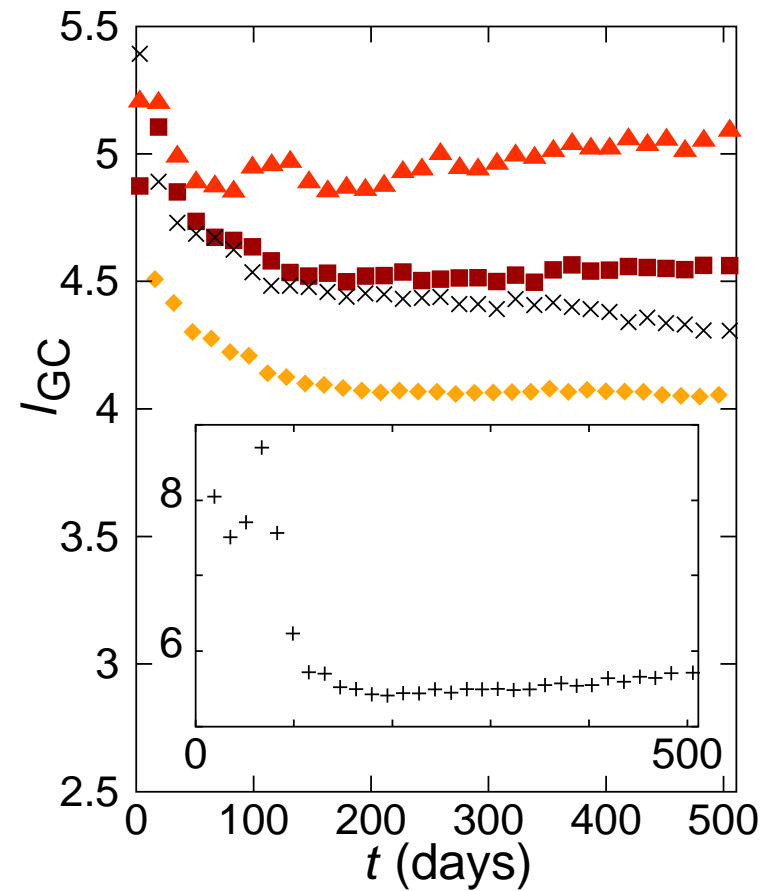


**clustering coefficient**

# AVERAGE GEODESIC LENGTH & ASSORTATIVE MIXING

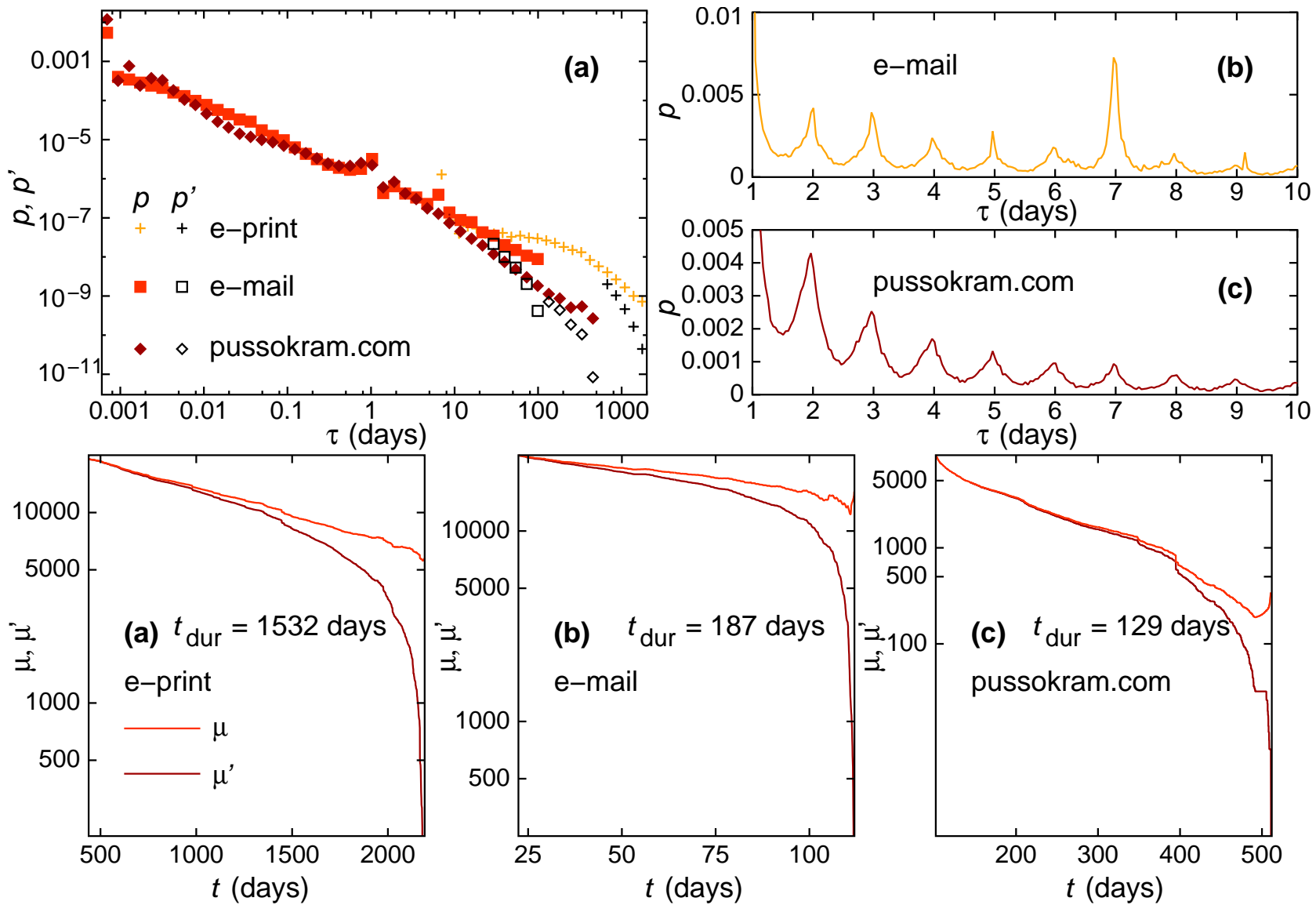


**assortative mixing coefficient**

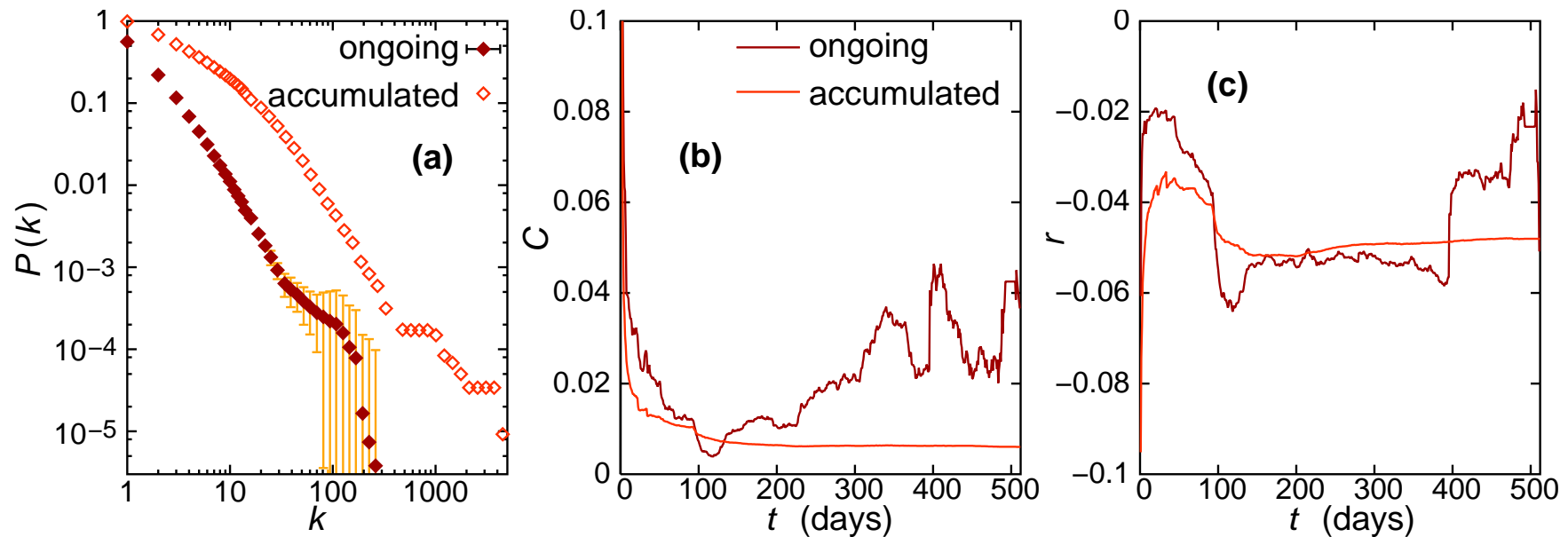


**average geodesic length**

# WAITING TIME DISTRIBUTION & RELATIONSHIP DURATION



# NETWORK STRUCTURE OF ONGOING RELATIONSHIPS



P. Holme, *Network dynamics of ongoing social relationships*, cond-mat/0308544

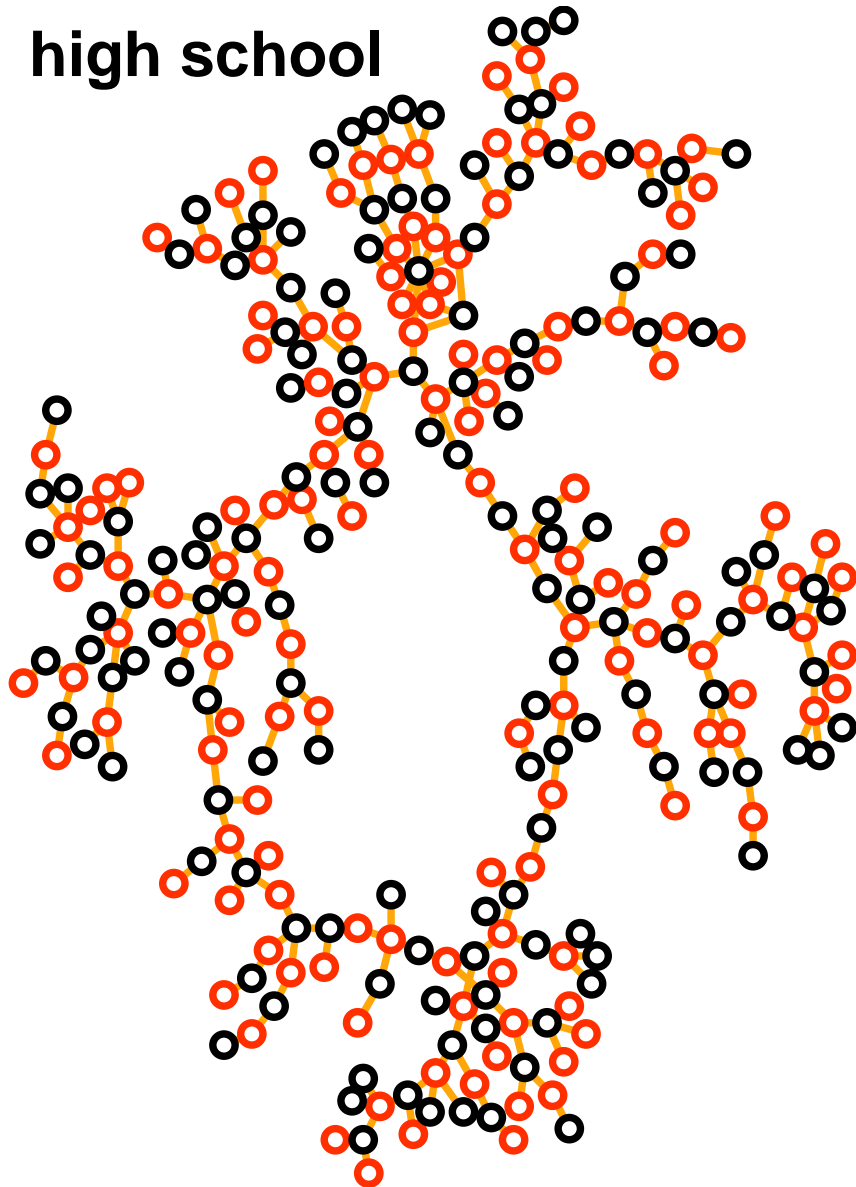
P. Holme, F. Liljeros, C. R. Edling, and B. J. Kim, *On network bipartivity*, cond-mat/0302296

P. Holme, C. R. Edling, and F. Liljeros, *Structure and Time-Evolution of the Internet Community pussokram.com*, cond-mat/0210514

# OFFLINE ROMANTIC NETWORKS

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**high school**



**Hollywood celebs**

