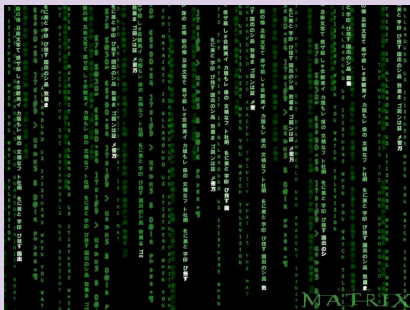


PageRank Matrix Days

Dedicated to 100 Year Anniversary of Stanislaw Ulam



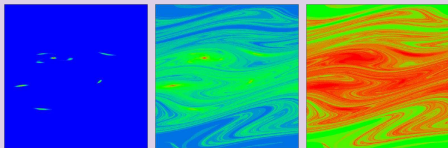
D.Donato (Yahoo!) and D.L.Shepelyansky (CNRS)
www.quantware.ups-tlse.fr/pagerank2009/



- WWW of 10^{11} sites
- Information search engines
- PageRank algorithm
- Network models, Ulam networks

S. Brin and L. Page, Computer Networks and ISDN Systems **33**,107 (1998).

Stanislaw Ulam (1909 - 1984)



- 1909: born in L'vov, Poland in Jewish family
- Mathematician
- Monte Carlo method
- Teller-Ulam design of H-bomb
- Borsuk-Ulam theorem, Mazur-Ulam theorem, Ulam spiral, Ulam numbers ...
- Fermi-Ulam map, Fermi-Pasta-Ulam problem
- Ulam method => Ulam networks
- 1966 Moscow: a story about Ulam (from B.Chirikov)
- 1984: Santa Fe, New Mexico, USA