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# Framework for Quantitative Analysis of Cascades on Networks

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*(Submitted on 16  
Nov 2010 (v1), last  
revised 17 Nov 2010  
(this version, v2))*

How  
does  
information  
flow in  
online  
social  
networks?

How  
does the  
structure  
and size  
of the  
information  
cascade  
evolve in  
time?

How can  
we  
efficiently  
mine the  
information  
contained  
in  
cascade  
dynamics?

We  
approach  
these  
questions